

C
T82 Zm
1920/21

THE
BULLETIN OF
LIBRARY
THE TULANE UNIVERSITY
OF LOUISIANA

Series 21, No. 8, July 1, 1920



THE COLLEGE OF MEDICINE
SCHOOL OF MEDICINE

ANNOUNCEMENT FOR 1920-1921

Published monthly (except June, July and August, when published semi-monthly)
by the Tulane University of Louisiana.

Entered August 6, 1906, at the Post Office, at New Orleans, La., as second-class
matter, under Act of Congress of July 16, 1894.

THE TULANE UNIVERSITY OF LOUISIANA

NEW ORLEANS

ALBERT B. DINWIDDIE, Ph. D., LL. D., President.

The University, in all its departments, is located in the City of New Orleans, the metropolis of the South. There are twelve departments, with twenty-four buildings. Modern dormitories, extensive laboratories, libraries, and museums.

THE COLLEGE OF ARTS AND SCIENCES, for men, offers full courses in Literature, History, Languages and Science. Many scholarships open to high school graduates.

THE COLLEGE OF TECHNOLOGY offers unexcelled courses in the following schools: Mechanical-Electrical Engineering, Civil Engineering, Chemical Engineering, and Architecture.

THE NEWCOMB COLLEGE FOR WOMEN offers full courses in Literature, History, Languages, Science, Art, Music, Domestic science, and Domestic Art. Special training for prospective teachers of high and elementary schools.

THE FACULTY OF GRADUATE STUDIES, open to graduates of approved colleges, offers advanced courses leading to the degrees of M. A., E. E., M. E., C. E., M. Arch., Ch. E., and Ph. D. A number of Fellowships are awarded annually.

COLLEGE OF LAW offers a complete course in the law of Louisiana leading to the degree of Bachelor of Laws, to prepare students for practice in Louisiana.

COLLEGE OF MEDICINE, embracing:

THE SCHOOL OF MEDICINE, established in 1834, with unexcelled laboratory and clinical advantages. Women admitted on same terms as men.

THE GRADUATE SCHOOL OF MEDICINE, established in 1888, as the New Orleans Polyclinic. Graduate courses offered in all fields of medicine, including research. Women admitted on same terms as men.

THE SCHOOL OF PHARMACY established in 1838. Degrees of Ph. G. (2 years), Ph. C. (3 years), and Pharm. D. (4 years), offered. Women admitted on same terms as men.

THE SCHOOL OF DENTISTRY, established in 1899, as the N. O. College of Dentistry, offers a full course leading to the degree of D. D. S., with practically unlimited clinical material. Women admitted on same terms as men.

THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION offers substantial professional training preparing for a business career. Four-year day courses leading to the degree of Bachelor of Business Administration and night classes for business men and women.

COURSES FOR TEACHERS offers a number of courses of full University grade. Non-teachers admitted.

TULANE SUMMER NORMAL SCHOOL offers a great variety of college and educational courses.

For special circulars or for detailed information, address the Deans of the respective departments. For General Register of the University, address,

REGISTRAR OF THE TULANE UNIVERSITY OF LOUISIANA,
Gibson Hall, New Orleans.

THE COLLEGE OF MEDICINE

SCHOOL OF MEDICINE

OF THE

TULANE UNIVERSITY OF LOUISIANA_v.

1834-1847 Medical College of Louisiana

1847-1884 Medical Department, University of Louisiana

1884-1913 Medical Department, Tulane University of Louisiana

1913 — College of Medicine, Tulane University of Louisiana

ANNOUNCEMENT FOR 1920-1921

347
94930 940
94931



CALENDAR

(The College year is divided into two terms.)

1920

| | | |
|------------------------|---|---|
| Sept. 15 Wednesday | } | Entrance and Condition Examinations for all Colleges of the University. |
| to Sept. 21 Tuesday | | |
| Sept. 22 Wednesday | | Registration of New Students. |
| Sept. 23 Thursday | | Registration of Old Students. |
| Sept. 24 Friday | | Instruction begins. |
| Nov. 1 Monday | | All Saints' Day. A holiday. |
| Nov. 25 Thursday | | Thanksgiving Day. A holiday |
| Dec. 18 Saturday | | Christmas holidays begin, at 1 P. M. |

1921

| | |
|-------------------|--------------------------------------|
| Jan. 3 Monday | University reopens, at 8:30 A. M. |
| Jan. 31 Monday | Second Term begins. |
| Mar. 25 Friday. | Good Friday. A holiday. |
| Mar. 26 Saturday. | A holiday. |
| June 8 Wednesday | University Commencement. |
| June 13 Monday | Summer School of Medicine Opens. |

BOARD OF ADMINISTRATORS

| | |
|---|--------------------------|
| WILLIAM RATCLIFFE IRBY, President, | 916 Canal St. |
| CHARLES JANVIER, 2nd. Vice-President. | 3326 Prytania Street |
| EDGAR HOWARD FARRAR, M.A., | 2209 St. Charles Avenue |
| WALTER ROBINSON STAUFFER, | 1506 Jackson Avenue |
| JOHN BAPTIST LEVERT, B. Sc., | 1530 Third Street |
| WALKER BRAINERD SPENCER, A. B., LL. B., | 3222 Coliseum St. |
| JOHN DYMOND, Jr., A. B., LL. B., | 2341 Camp Street |
| CHARLES ROSEN, A. B., LL. B., | 12 Rosa Park |
| ABRAHAM BRITTIN, | 1448 Fourth Street |
| JOHN CALLAN, M. D., | 1533 Felicity Street |
| ERNEST LEE JAHNCKE, B. E., | 1823 Palmer Avenue |
| JOSEPH A. BREAU, LL. B., | 1728 Canal Street |
| MARCUS JOHNS MAGRUDER, M. D., | 2340 Peniston Street |
| ESMOND PHELPS, A. B., LL. B., | 1438 Harmony Street |
| PAUL HILL SAUNDERS, A. M., Ph. D., | 500 Walnut Street |
| SAMUEL ZEMURRAY, | 2 Audubon Place |
| ARTHUR DEVEREUX PARKER, | 5801 St. Charles Avenue. |

Ex Officio

| | |
|---------------------------|--|
| JOHN MILLIKEN PARKER..... | Governor of Louisiana |
| MARTIN BEHRMAN..... | Mayor of New Orleans |
| THOMAS H. HARRIS..... | State Superintendent of Public Education |

Secretary and Treasurer of the Board: L. André Wogan.

COMMITTEES

Finance Committee: P. H. Saunders, CHAIRMAN, A. Brittin, John B. Levert, Walter R. Stauffer, A. D. Parker.

Real Estate Committee: Charles Janvier, CHAIRMAN, Charles Rosen, A. Brittin, Samuel Zemurray, A. D. Parker.

Committee on Education: J. B. Levert, CHAIRMAN, W. B. Spencer, John Dymond, Jr., John Callan, Jos. A. Breau, Charles Rosen, E. H. Farrar, M. J. Magruder, Esmond Phelps.

Committee on Rules: Jos. A. Breau, CHAIRMAN, Charles Janvier, Walter R. Stauffer.

Law Committee: Charles Rosen, CHAIRMAN, Walker B. Spencer, Edgar H. Farrar.

Medical Advisory Committee: John Callan, CHAIRMAN, M. J. Magruder, John Dymond, Jr.

COLLEGE OF MEDICINE

SCHOOL OF MEDICINE

FACULTY—1919-1920

ALBERT BLEDSOE DINWIDDIE, Ph. D., LL. D., President of the
University. 1467 Arabella Street.

ROBERT SHARP, A. M., Ph. D., LL. D., *Emeritus* President of the
University. 7325 St. Charles Avenue.

ISADORE DYER, Ph. B., M. D., Dean and Professor of Diseases
of the Skin. 2222 Prytania Street.

JOHN BARNWELL ELLIOTT, A. B., M. D., *Emeritus* Professor of
the Theory and Practice of Medicine. Highlands, N. C.

EDMOND SOUCHON, M. D., *Emeritus* Professor of Anatomy and
Clinical Surgery. 2403 St. Charles Avenue.

LOUIS FAVROT REYNAUD, M. D., *Emeritus* Professor of Materia
Medica, Therapeutics, and Clinical Medicine.
1238 Josephine Street.

ERNEST SYDNEY LEWIS, B. Sc., M. D., F. A. C. S., *Emeritus*
Professor of Obstetrics and Gynecology.
1625 Louisiana Avenue.

ABRAHAM LOUIS METZ, M. Ph., M. D., *Emeritus* Professor of
Chemistry and Medical Jurisprudence. 9 Rosa Park.

RUDOLPH MATAS, M. D., LL. D., F. A. C. S., Professor of General
and Clinical Surgery. 2255 St. Charles Ave.

JOHN TAYLOR HALSEY, M. D., Professor of Pharmacology,
Therapeutics, and Clinical Medicine. 1406 Seventh Street.

ERASMUS DARWIN FENNER, A. B., M. D., Professor of Or-
thopedics and Surgical Diseases of Children.
1134 First Street.

MARCUS FEINGOLD, M. D., Professor of Ophthalmology.
4206 St. Charles Avenue.

CHARLES WARREN DUVAL, M. A., M. D., Professor of Pathology
and Bacteriology. 8 Richmond Place.

IRVING HARDESTY, A. B., Ph. D., D. Sc., Professor of Anatomy.
1301 Pine Street.

HERMANN BERTRAM GESSNER, A. B., A. M., M. D., Professor
of Operative Surgery and of Clinical Surgery.

119 Audubon Boulevard.

GEORGE SAM BEL, M. D., Professor of the Theory and Practice of
Medicine and of Clinical Medicine. 1204 Napoleon Avenue.

SAMUEL MARMADUKE DINWIDDIE CLARK, B. Sc., M. D.,
Professor of Gynecology and Clinical Obstetrics.

14 Rosa Park.

JAMES BIRNEY GUTHRIE, B. Sc., M. D., Professor of Clinical
Medicine. 1628 State Street.

CHARLES JEFFERSON MILLER, M. D., F. A. C. S., Professor of
Obstetrics and Clinical Gynecology. 1638 Joseph Street.

CHARLES CASSEDY BASS, M. D., Professor of Experimental Medi-
cine and Director of the Laboratories of Clinical Medicine.

1338 Broadway.

*JOSEPH DEUTSCH WEIS, M. D., Professor of Tropical and Clini-
cal Medicine. 1448 Jackson Avenue.

ISAAC IVAN LEMANN, A. B., M. D., Professor of Clinical Medicine.
6110 St. Charles Avenue.

ROY MCLEAN VAN WART, B. A., M. D., Professor of Psychiatry.
450 Audubon Street.

WALTER EUGENE GARREY, B. S., Ph. D., M. D., Professor of
Physiology. 2123 Palmer Avenue.

STEPHEN MERTLE BLACKSHEAR, M. D., Clinical Professor of
Otology, Rhinology and Laryngology.

3218 St. Charles Avenue.

JAMES PHARES O'KELLEY, M. D., Clinical Professor of Otology,
Rhinology and Laryngology. 1701 Marengo.

HENRY EDWARD MENAGE, Ph. M., M. D., Clinical Professor of
Diseases of the Skin. 4620 St. Charles Avenue

LAURENCE RICHARD DEBUYS, B. S., M. D., Professor of Pedi-
atrics. 1776 State Street.

JACOB WARREN NEWMAN, Ph. D., M. D., F. A. C. S., Clinical
Professor of Obstetrics. 3512 St. Charles Avenue.

JOSEPH HUME, Ph. B., M. D., Professor of Genito-Urinary and Ven-
ereal Diseases. 1623 Seventh Street.

WILLIAM HENRY SEEMANN, M. D., Professor of Hygiene.
4439 De Montluzin Street.

*Absent on leave.

HENRY BAYON, A. M., M. D., Professor of Applied Anatomy.
2212 Napoleon Avenue.

OSCAR DOWLING, M. D., Professor of Public Health.
1402 Peters Avenue.

OSCAR WALTER BETHEA, Ph. G., M. D., F. A. C. S., Clinical
Professor of Therapeutics. 1735 Carrollton Avenue.

JOHN SMYTH, M. D., Professor of Clinical Surgery.
7 Richmond Place.

CARROLL WOOLSEY ALLEN, M. D., F. A. C. S., Professor of
Clinical Surgery. 43 Audubon Boulevard.

URBAN MAES, M. D., Professor of Clinical Surgery.
1671 Octavia Street.

ISIDORE COHN, B. S., M. D., F. A. C. S., Professor of Clinical Sur-
gery. 1831 Bordeaux Street.

VICTOR CONWAY SMITH, M. D., Clinical Professor of Oph-
thalmology. 1417 Annunciation Street.

ROBERT ALEXANDER STRONG, M. D., Clinical Professor of
Pediatrics. 5335 Danneel Place.

ASSISTANT PROFESSORS

MAURICE JOHN COURET, A. M., M. D., Assistant Professor of
Pathology and Bacteriology. 3803 Camp Street.

CHARLES LEVERICH ESHLEMAN, A. B., M. D., Assistant Pro-
fessor of Clinical Medicine. 1138 Third Street.

FELIX PERCY CHILLINGWORTH, M. D., Assistant Professor of
Physiology and of Pharmacology. Biloxi, Miss.

WILLIAM HERBERT HARRIS, A. B., M. D., Assistant Professor
of Pathology. 7011 Broad Place.

SIDNEY KOHN SIMON, A. B., M. D., Assistant Professor of Clini-
cal Medicine. 1533 Henry Clay Avenue.

JOHN ALEXANDER LANFORD, Ph. G., M. D., Assistant Pro-
fessor of Surgical Pathology. Touro Infirmary.

RANDOLPH LYONS, A. B., M. D., Assistant Professor of Clinical
Medicine. 1428 First Street.

MARION SIMS SOUCHON, M. D., Assistant Professor of Clinical
Surgery. 2405 St. Charles Avenue.

PAUL AVERY McILHENNY, M. D., Assistant Professor of Ortho-
pedics and Surgical Diseases of Children. 1313 Philip Street.

RALPH HOPKINS, A. B., M. D., Assistant Professor of Physiology
and Instructor in Diseases of the Skin.

1524 Harmony Street.

LUTHER SEXTON, M. D., Assistant Professor of Clinical Minor
Surgery.

1623 Fourth Street.

FOSTER MATTHEW JOHNS, M. D., Assistant Professor of Med-
icine in the Laboratories of Clinical Medicine.

200 S. Cortez Street.

HENRY DASPIT, M. D., Assistant Professor of Diseases of the
Nervous System.

1416 Marengo Street.

STANFORD CHAILLÉ JAMISON, M. D., Assistant Professor of
Clinical Medicine.

145 S. Rampart Street.

LUCIAN HYPOLITE LANDRY, M. D., Assistant Professor of
Clinical Surgery.

1214 Nashville Avenue

EDMUND MOSS, M. D., Assistant Professor of Clinical Medicine.

Octavia Apartments.

WILMER BAKER, M. D., Assistant Professor of Anatomy.

Station 20.

LIONEL LOUIS CAZENAVETTE, M. D., Assistant Professor of
Diseases of the Nervous System.

1607 Governor Nicholls Street.

HAROLD CUMMINS, A. B., Assistant Professor of Anatomy.

Station 20.

CHARLES ADOLPH BAHN, M. D., Assistant Professor of Oph-
thalmology.

4810 Prytania Street.

HENRY JOHN LINDNER, M. D., Assistant Professor of Genito-
Urinary and Venereal Diseases.

5653 Woodlawn Placc.

WILLEY DENIS, A. B., M. A., Ph. D., Assistant Professor of
Physiological Chemistry.

1420 General Taylor Street.

CHARLES HADDON SPURGEON, A. B., A. M., Assistant Professor
of Anatomy.

Station 20.

DEMONSTRATORS, LECTURERS, AND INSTRUCTORS

*WILLIAM MARTIN PERKINS, B. Sc., M. D., Instructor in
Clinical Surgery.

2123 Coliseum Street.

HAMILTON POLK JONES, M. D., Instructor in Clinical Medi-
cine.

1806 Milan Street.

ANSEL MARION CAINE, M. D., Instructor in Anesthetics,

1528 Louisiana Avenue.

GEORGE KING LOGAN, M. D., Clinical Assistant in Orthopedics
and Surgical Diseases of Children.

1539 Philip Street.

*Absent on leave.

JAMES CLIFTON COLE, M. D., Instructor in Medicine and in the
Laboratories of Clinical and Tropical Medicine.

2118 Joliet Street.

ERNEST CHARLES SAMUEL, M. D., Instructor in Clinical Medi-
cine and Radiology.

1522 Aline Street.

HENRY LEIDENHEIMER, M. D., Clinical Assistant in Surgery.

1836 Dante Street.

EPHRAIM DENEUFBOURG FRIEDRICH, M. D., Instructor in
Clinical Obstetrics.

474 Pine Street.

MARY ELIZABETH BASS, M. D., Instructor in Laboratory of
Clinical Medicine.

3513 Prytania Street.

MARION EARLE BROWN, M. D., Clinical Assistant in Medicine.

Gretna, La.

ADOLPH DECAMBUS HENRIQUES, M. D., Instructor in Physiol-
ogy, and in Clinical Medicine and Radiology.

4726 Prytania Street.

ROBERT TROUSDALE PERKINS, A. B., M. D., Clinical As-
sistant in Surgery.

1135 Fern Street.

WILLIAM ALVIN LOVE, A. B., M. Ph., M. D., Instructor in Clin-
ical Medicine.

1423 Valence Street.

FRANK JAMES KINBERGER, M. D., Instructor in Pediatrics.

5227 Camp Street.

EDWARD LACY KING, A. B., M. D., Instructor in Obstetrics.

821 Robert Street.

JOHN FLEMING DICKS, M. D., Lecturer and Instructor in Gyne-
cology.

15 Audubon Boulevard

PETER FRANCIS MURPHY, M. D., Clinical Assistant in Medi-
cine.

4905 St. Charles Avenue

ROY BERTRAND HARRISON, M. D., Clinical Assistant in Sur-
gery.

2327 Napoleon Avenue.

SIMON GEISMAR, M. D., Instructor in Clinical Surgery.

1539 Louisiana Avenue.

WILL O'DANIEL JONES, M. D., Clinical Instructor in Gyne-
cology.

1321 State Street.

HAROLD JOSEPH GONDOLF, M. D., Instructor in Laboratory
of Clinical Medicine and Assistant in Medicine.

3828 Dryades Street.

ROBERT BERNHARD, M. D., Lecturer and Instructor in Medicine.

2506 Louisiana Avenue.

HENRY CLARENCE LOCHTE, M. D., Instructor in Clinical
Medicine.

706 Carrollton Avenue.

- LOUIS VYASA JAMES LOPEZ, M. D., Clinical Assistant in
Psychiatry. 3711 Carondelet Street.
- JAMES MONROE BAMBER, M. D., Lecturer and Instructor in
Medicine. 124 South Bernadotte Street.
- EDMUND LAWRENCE LECKERT, M. D., Clinical Assistant in
Surgery. 1225 Magazine Street.
- PAUL GEORGE LACROIX, B. S., M. D., Demonstrator in charge
of Laboratory of Minor Surgery.
2231 General Pershing Street.
- HENRY NATHAN BLUM, M. D., Instructor in Ophthalmology.
1436 Webster Street.
- LOUIS JOSEPH DUBOS, JR., A. B., M. D., Instructor in Clinical
Medicine. 7503 St. Charles Avenue.
- MUIR BRADBURN, B. S., M. D., Assistant Demonstrator in Oper-
ative Surgery. 2336 Octavia Street.
- HENRY THEODORE SIMON, M. D., Assistant in Clinical Medi-
cine. 1617 St. Charles Avenue.
- PETER GRAFFAGNINO, M. D., Assistant Instructor in Gynecol-
ogy. 731 North Carrollton Avenue.
- ADDLEY HOGAN GLADDEN, JR., A. B., M. D., Clinical Assist-
ant in Gynecology. 1429 Henry Clay Avenue.
- HILLIARD EVE MILLER, M. D., Assistant Instructor in Obstetrics
1 Audubon Place.
- OCTAVE CHARLES CASSEGRAIN, M. D., Clinical Assistant in
Surgery. 5224 Pitt Street.
- ABRAHAM MATTES, M. D., Instructor in the Laboratory of
Clinical Medicine. 1719 Baronne Street.
- DOMINICK ANDREW PALMISANO, M. D., Clinical Assistant in
Medicine. 1438 Pine Street.
- ROBERT ALFRED DAVIS, M. D., Clinical Assistant in Ophthal-
mology, 1125 Lowerline Street.
- JOSEPH SECOND HEBERT, M. D., Instructor in Obstetrics.
4939 Dryades Street.
- ROBERT HOLLINGSWORTH POTTS, M. D., Instructor in Path-
ology and Clinical Assistant in Medicine.
Touro Infirmary.
- ANDREW VALLOIS FRIEDRICHS, B. S., M. D., Assistant Dem-
onstrator in Pathology. Metairie Ridge.
- MAUD LOEBER, A. B., M. A., M. D., Instructor in Pediatrics.
1424 Milan Street.

- LEONARD CASE SCOTT, B. S., Ph. D., M. D., Instructor in the
Laboratories of Hygiene and Public Health.
442 Lowerline Street.
- RICHARD ASHMAN, Litt. B., M. Sc., Instructor in Physiology.
1403 Calhoun Street.
- CHARLES SHUTE HOLBROOK, B. S., M. D., Clinical Assistant
in Psychiatry.
8206 Pritchard Place.
- BEN RUFUS HENINGER, M. D., Clinical Assistant in Medicine.
5111 Pitt Street.
- LEON JOHN MENVILLE, M. D., Clinical Assistant in Medicine
and Radiology.
1723 Upperline Street.
- JOHN RAYMOND HUME, M. D., Instructor in Otology, Rhinology
and Laryngology.
5521 Atlantic Street.
- REYNOLDS CHRISTIAN VOSS, M. D., Clinical Assistant in Ped-
iatrics.
7921 Burthe Street.
- GEORGE JOSEPH DEREYNA, JR., M. D., Clinical Assistant in
Pediatrics.
1224 N. Claiborne Street.
- CHARLES VIRGINIUS UNSWORTH, M. D., Clinical Assistant in
Psychiatry.
1476 Henry Clay Avenue.
- CHARLES HENRY VOSS, A. B., M. D., Instructor in Anatomy.
7808 Elm Street.
- JOHN GALBRAITH PRATT, M. D., Clinical Assistant in Genito-
Urinary and Venereal Diseases.
1230 State Street
- LEWIS CASS SPENCER, B. Sc., M. D., Instructor in Orthopedics
and Surgical Diseases of Children.
226 Audubon Boulevard.
- ELEAZAR ROBINSON BOWIE, B. S., M. D., Assistant Instructor
in Clinical Medicine and Radiology.
Touro Infirmary.
- JOHN JOSEPH IRWIN, B. Sc., M. D., Instructor in Otology, Rhin-
ology and Laryngology.
729 Second Street.
- EMILE BLOCH, M. D., Clinical Assistant in Surgery.
7209 St. Charles Avenue.
- IDYS MIMS GAGE, M. D., Clinical Assistant in Surgery.
3205 St. Charles Avenue.
- ANDREW DOMINIC MOULEDOUS, Ph. G., M. D., Clinical As-
sistant in Surgery.
1102 Lowerline Street.
- JOSEPH RIGNEY D'AUNOY, B. Sc., M. D., Demonstrator in
Pathology and Bacteriology.
1935 Ursuline Avenue.
- JAMES DAVIDSON RIVES, B. Sc., M. D., Clinical Assistant in
Surgery.
3205 St. Charles Avenue.
- PRESLEY EWING WERLEIN, M. D., Clinical Assistant in Otol-
ogy, Rhinology and Laryngology.
1713 State Street.

- AYNAUD FOSTER HEBERT, B. Sc., M. D., Instructor in Clinical Surgery. 4939 Dryades Street.
- EMILE FIDEL NAEF, M. D., Clinical Assistant in Pediatrics. 522 Fern Street.
- G. RICHARDA WILLIAMSON, M. B., Ch. B., D. P. H., Clinical Assistant in Pediatrics. 3439 St. Charles Avenue.
- HARRY VERNON SIMS, A. B., M. D., Clinical Assistant in Obstetrics. 1605 Washington Avenue.
- CASSIUS L. CLAY, Instructor in Hygiene. 2348 Camp Street.
- NICHOLAS CALLAN, LL. B., Instructor in Medical Jurisprudence. 1533 Felicity Street.
- JAMES LOUIS LOCASCIO, Ph. C., M. D., Assistant Instructor in the Laboratory of Clinical Medicine. 1226 Elysian Fields.
- ALDEA MAHER, A. B., A. M., M. D., Assistant Instructor in the Laboratory of Clinical Medicine, and Demonstrator in Pathology. 239 Bermuda Street.
- MARGARET PAULINE HARRISON BOWDEN, M. D., Demonstrator in Pathology. 1217 Calhoun Street.
- WALTER EDMOND LEVY, B. Sc., M. D., Clinical Assistant in Obstetrics. 7320 St. Charles Avenue.
- WILEY ROSS BUFFINGTON, M. D., Clinical Assistant in Otology, Rhinology and Laryngology. 1446 Josephine Street.
- EDMOND LAWRENCE FAUST, M. D., Assistant in Anatomy and Clinical Assistant in Surgery. 545 Lowerline Street.
- LOUIS BLUMBERG, M. D., Clinical Assistant in Surgery. Charity Hospital.
- HULL WESLEY BUTLER, Ph. B., Student Assistant in Pharmacology. 7815 Cohn Street.
-
- OSWALD CADOGAN BELFIELD, Registrar and Secretary to the Medical Faculty. 1551 Canal Street.
- JOHN ANDREW BACON, Clerk and Curator of Buildings. 129 North Scott Street.
- JANE GREY ROGERS, Librarian. 1724 Canal Street.
- LILIAN ALICE COLLENS, Secretary to the Dean. 1309 General Pershing Street.
- MAUDE MARGARET KENNEDY, Stenographer, Richardson Memorial. 4521 Clara Street.
- SARAH MAGILL, Stenographer, Laboratories of Clinical Medicine, Hygiene and Tropical Medicine. 450 Lowerline Street.

ANNOUNCEMENT

This department was founded in 1834, as the Medical College of Louisiana; in 1847 it became the Medical Department of the University of Louisiana, around which the Colleges of Law and of Arts and Sciences developed, until in 1884, the University of Louisiana became the Tulane University of Louisiana. It is the oldest Medical College in the Southwest and has the greatest number of Alumni. To June, 1920, there have been graduated 5017 in Medicine.

GENERAL STATEMENT

Beginning with the session 1913-14, the name of The Tulane Medical Department was changed to **THE TULANE COLLEGE OF MEDICINE**, which embraces the School of Medicine, The School of Pharmacy, The Graduate School of Medicine, and The School of Dentistry.

SCHOOL OF MEDICINE

The Eighty-Seventh Annual Session Opens MONDAY, SEPTEMBER 27, 1920.

Students of the first two years are taught on the University Campus. During the last two years the courses are given in the Hutchinson Memorial on Canal Street, near the business center, and at the various institutions with which the Tulane Medical School is associated, viz., the Charity Hospital, the Touro Infirmary, etc.

RICHARDSON MEMORIAL

and

RICHARDSON CHEMISTRY BUILDING

The Richardson Memorial Building on the Tulane Campus provides the laboratories and equipment for all the teaching of the first two years, excepting for Chemistry, which is taught in the extensive laboratories of the Richardson Chemistry Building, also located on the Tulane Campus. The facilities afforded for the thorough instruction of students in their first two years in medicine are fully in accord with the highest demands of modern medical education.

HUTCHINSON MEMORIAL

The Josephine Hutchinson Memorial Building on Canal Street, with its numerous laboratories and lecture halls provides every facility for the teaching of the last two years. This building is located within two blocks of the Charity Hospital where most of the clinical instruction is conducted.

DORMITORIES FOR MEDICAL STUDENTS

Dormitories have been provided in the first two years, for a limited number of medical students who will have the surroundings of a residential neighborhood and, besides, the contact with the students of the undergraduate colleges, thus broadening their education and college spirit.

LIBRARIES

The library of the Medical Department is conveniently arranged for reference, in the Hutchinson Memorial, with about 10,230 valuable books and about 4,850 pamphlets, as well as an excellent file of the

current medical journals. Additions are being constantly made to this valuable adjunct of medical education. Additional special library facilities are arranged in each of the laboratory divisions.

CHARITY HOSPITAL

The use of the wards of the great Charity Hospital of New Orleans, with over 1100 beds, annually occupied by from nine to ten thousand patients, and the use of two clinical buildings, with about 30,000 outdoor patients annually, have been given by the Legislature to the teaching staff of the College of Medicine of The Tulane University of Louisiana, for the practical instruction of its students, not only in all the divisions of medicine and surgery, but also in obstetrics and gynecology, as well as in pathology. Medical students are given access to the Charity Hospital free, and enjoy far better opportunities for the study of diseases therein than are usually possible in the hospitals of other cities. For the study of diseases of the South and also of exotic types of conditions of tropical origin there is no field comparable to the wards of this hospital. Between the Josephine Hutchinson Memorial Building of the College of Medicine and the Charity Hospital there are only two squares, which distance is readily walked in three minutes.

OUT CLINICS

The clinical buildings for outdoor patients are subdivided into different services, namely: for medical cases, for nervous diseases, for surgical cases; for genito-urinary and venereal diseases; for skin diseases; for diseases of the eye; of the ear, nose and throat, and for cases of dentistry. In addition to these services there is a surgical service for boys, an obstetrical and a gynecological service, and a pediatric service. There is also a Pasteur Clinic for all races, ages, and sexes.

MILLIKEN MEMORIAL

The advantages of the Charity Hospital, as one of the greatest schools in the world for practical instruction, were further increased in 1899 by the addition of the Milliken Memorial, a model building for the accommodation of two hundred sick children.

THE DELGADO MEMORIAL

The Delgado Memorial was completed and formally dedicated at the Charity Hospital with appropriate ceremonies on December 19th, 1908, and was opened for the reception of patients on April 19th, 1909. This beautiful building was "erected in loving memory of Samuel and Virginia Delgado, for the relief of the suffering poor of both sexes who

may be benefited by the Science and Art of Surgery." The Memorial occupies a conspicuous place on the grounds of the Charity Hospital with the entrance facing on Tulane Avenue. It is a five story building, strictly fire-proof. It was erected and equipped at a cost of two hundred thousand dollars.

The honor of naming the two chief operating rooms the "Ernest S. Lewis" and the "Rudolph Matas" operating rooms was conferred by Mr. Delgado on these two members of the Tulane Faculty, with the concurrence and approval of the Board of Administrators of the Hospital, not only as an expression of his personal friendship for these gentlemen, but of his appreciation of their long service as visiting surgeons and teachers at the Charity Hospital.

The greatest significance is attached to Mr. Delgado's generous donation from the point of view of medical education and progress, and he has specifically stated that the operative material of the Memorial shall always be at the disposition of the heads of the departments of Surgery and Gynecology in Tulane, and for these departments the building was erected and arranged.

Upon the death of Mr. Isaac Delgado, on January 4, 1912, the further sum of \$100,000 was left in trust with the provision that the income should be administered in carrying out the original wishes of the testator when the Memorial was erected. That this might be done in the further interest of the School of Medicine the trustees named were Professors Matas and Lewis and the Dean of the School of Medicine and their successors.

CLINICAL INSTRUCTION

The professors and clinical instructors are attending physicians or surgeons of the various hospitals and visit their wards and clinics daily, accompanied by the students, who are thus brought into immediate contact with the sick and wounded and are taught practically, including all modern methods of clinical, microscopical and laboratory diagnosis, and surgical procedure and technic. Surgical operations are performed and lectures delivered upon selected cases in the amphitheatres of the hospital.

Special clinical instruction is given to all students of the third and fourth years, who are for this purpose divided into sections and assigned to the professors and clinical instructors in charge of wards and outdoor clinics of the hospitals. The classes thus formed interchange courses so that all students enjoy equal advantages. Compe-

tent assistants aid the clinical teachers in developing this system of instruction.

Lectures on all branches where demonstrations of cases are practicable and of service, will be delivered in the Hospital amphitheatres daily.

Sections of the classes are taught gross and special pathology by practical demonstrations in the autopsy rooms of the Pathological Department of the Hospital and in the special laboratories of the Hutchinson Memorial.

HOSPITAL INTERNS

CHARITY HOSPITAL

The administrators of the Charity Hospital select annually, ten to twenty resident interns upon competitive examination. These interns are entitled to board and lodging in the institution free of charge and enjoy many privileges and opportunities incident to a two years' incumbency.

Several extern positions are likewise open to graduates, who may become interns, when or as vacancies occur.

TOURO INFIRMARY

Eight or more interns, who must also be graduates, are selected annually by the Administrators of the Touro Infirmary, upon competitive examination.

This institution is representative of the highest type of hospital detail and equipment in all of its departments. It is non-sectarian in its charity, though the administration is directed by prominent members of the Jewish community. The visiting staff is derived from the best available men in all branches, and the Faculty of the School of Medicine of Tulane is well represented.

Through the courtesy of the Board and of the medical staff, surgical operations and other clinics at Touro Infirmary are witnessed by groups of men from the third and fourth year classes, regularly assigned to the professors and instructors in various clinical branches.

While this institution provides for the care of private patients, its charity wards and extensive clinics care for thousands of cases annually.

EXTERN SERVICE

During the summer months students who have satisfactorily completed their third year and who have registered for the next session may receive appointments as externs at the Charity Hospital and at the Touro Infirmary on recommendation of the Faculty.

OTHER HOSPITALS AVAILABLE

A number of other Hospitals in Louisiana, Alabama, Mississippi, Texas and other States, offer excellent experience, appointments to which are obtained by meritorious students upon the recommendation of the Faculty of the Tulane School of Medicine.

A number of Tulane graduates avail themselves of the ship services out of New Orleans, which are available during the summer months.

REQUIREMENTS FOR ADMISSION

Women are admitted to all classes on the same terms as men.

The requirements for admission to the School of Medicine of the Tulane University of Louisiana are as follows:

ADMISSION TO PRE-MEDICAL CLASS—FIRST YEAR

A Certificate of Graduation from an acceptable High School with four years of study and fifteen units, three of which must be in English, two and a half in Mathematics, two in Latin, Greek, French, Spanish or German; one in History; the remainder (six and a half units) in acceptable credits may be elected among the following:

| | | | |
|-------------------------|-----------|------------------------------|--------|
| 1. English Composition | 2 | 17. Chemistry | 1 |
| 2. English Literature | 1 or 2 | 18. Biology (Bot. and Zool.) | 1 |
| 3. Elementary Algebra | 1½ or 2 | 19. Botany | 1 |
| 4. Plane Geometry | 1 | 20. Zoology | 1 |
| 5. Solid Geometry | ½ | 21. Physiology | 1 |
| 6. Trigonometry | ½ | 22. { Physiography | } 1 |
| 7. Latin | 2, 3 or 4 | 22. { Commercial | |
| 8. Greek | 2 or 3 | 22. { Geography | |
| 9. French | 2, 3 or 4 | 23. Freehand Drawing | 1 |
| 10. Spanish | 2 | 24. Mechanical Drawing | ½ |
| 11. German | 2 or 3 | 25. Wood-working | ½ |
| 12. Ancient History | 1 | 26. Foundry Work. | ½ |
| 13. Med. and Mod. Hist. | 1 | 27. Forge Work | 1 |
| 14. English History | 1 | 28. Machine Tool Practice | 1 |
| 15. American History | 1 | 29. Comparative Anatomy | 1 |
| 16. Physics | 1 | 30. Pharmacy | 1 or 2 |

No science credits in the high schools will be allowed without clear statement of laboratory periods.

No credit is given for less than two years (2 units) in any language offered for credit.

1. Certificates for work done in approved preparatory schools will be accepted only in the case of *graduates* of these schools. *Beginning with the session of 1922-1923, the certifying privilege in case*

of Southern Schools is limited to schools on the accredited list of the Commission of the Association of Colleges and Secondary Schools of the Southern States. Applicants for admission who *have not graduated* from an approved school will be admitted only upon examination. An applicant coming directly from a high school from which he has failed to graduate, shall not be admitted to examinations.

2. Applicants entering for the degree of Bachelor of Science must offer, in addition to the specified units in English, Mathematics, and Language, two units in History and two in Science. For the two units in Science one additional unit in Mathematics and one in the Language selected may be substituted.

ADMISSION TO FRESHMAN CLASS

In addition to the credits from the High School, for admission to the Freshman Class, there is also required:—

A Certificate showing credits for two years of acceptable college work of not less than 60 semester hours, which must include one year of Biology, one year of Physics, one year of General Chemistry, and one-half year of Organic Chemistry, with credit for *not less* than three lecture and two laboratory periods per week in each subject, one year of English, and one year of a modern foreign language.

A semester hour is the credit value of sixteen weeks' work consisting of one lecture or recitation period per week, each period to be not less than fifty minutes net, at least two hours of laboratory work to be considered as the equivalent of one lecture or recitation period.

To meet these requirements, The Tulane University of Louisiana offers, in the College of Arts and Sciences, to graduates of acceptable high schools—

Pre-Medical Course Not Leading to B. S. Degree

| FIRST YEAR | HOURS |
|---|-------|
| English I. Rhetoric, Composition, Literature..... | 3 |
| Latin I,* Greek I,* French I, or Spanish I..... | 3 |
| Chemistry I. General..... | 5 |
| Zoology I; Botany I,**..... | 5 |
| Drawing I. Freehand..... | 1 |
| Elective.... | 3 |
| Physical Training | 1 |

SECOND YEAR

| | |
|---|----------|
| French 2 or Spanish 2..... | 3 |
| Physics 1. Experimental..... | 5 |
| Zoology 2. (Comparative Anatomy) First term } | 5 |
| Chemistry 5. (Organic) Second term } | |
| Psychology or History..... | 3 |
| Elective..... | 3 |
| | <hr/> 19 |

This course is arranged for the purpose of preparing the intending student of medicine who may enter the Freshman class in two years, upon completing the subjects as outlined.

COMBINED COURSE FOR THE B. S. AND M. D. DEGREES

A Combined Course* is also offered in the College of Arts and Sciences through which a student, after two years of college work and two years in the regular medical course, may obtain the Bachelor of Science degree, and, after two years more in the School of Medicine, the degree of Doctor of Medicine may be received.

To obtain the degree of Bachelor of Science, the candidate must have spent at least one year in the College of Arts and Sciences of the Tulane University of Louisiana and must have completed at least fifteen hours, of those required for the degree, in the College of Arts and Sciences.

Pre-Medical Course Leading to B. S. Degree

| FIRST YEAR | HOURS |
|--|----------|
| English 1. Rhetoric, Composition, Literature..... | 3 |
| Latin 1,* Greek 1,* French 1, or Spanish 1..... | 3 |
| Mathematics 2, 3. Trigonometry, Analytic Geometry..... | 3 |
| Chemistry 1. General..... | 5 |
| Zoology 1; Botany 1**..... | 5 |
| Drawing 1. Freehand..... | 1 |
| Physical Training | 1 |
| | <hr/> 21 |
| SECOND YEAR | |
| English 2. American and English Literature..... | 3 |
| French 2 or Spanish 2..... | 3 |
| Physics 1. Experimental..... | 5 |
| Zoology 2. (Comparative Anatomy) First term } | 5 |
| Chemistry 5. (Organic) Second term } | |
| Psychology or History..... | 3 |
| | <hr/> 19 |

*Latin 1, or Greek 1, may be taken by those who have had two years of a modern language in the high school.

**The course in Biology must include at least one-half year of Botany and one-half year of Zoology.

REGISTRATION FOR PRE-MEDICAL COURSES

As these pre-medical courses are offered to students preparing to study medicine and as the arrangement of studies and classes will be made to that end, all students applying for these courses are required to register for the same with the Dean of the Tulane School of Medicine. All inquiry concerning such courses and the preliminary arrangements for such should be directed to the School of Medicine.

REQUIREMENTS FOR ADVANCED GRADES

Official evidence showing that the holder has attended one full medical course in any regular, recognized medical college, is essential to matriculating for a second year course; and every student, prior to matriculating for a third or fourth year course, shall be required to show by similar evidence that he has previously taken two or three annual courses in medicine. To be credited with a full course, at least eighty per cent of the session must have been attended.

Students from other colleges entering the second, third, or fourth year will be required to present evidences of preliminary education, conforming to the requirements of admission to the Freshman Class at this school.

Students from other colleges, who may enter any year of this school, will be required to present a clear statement of passing credits on all subjects of years prior to the year in which admission is sought and such credits must cover the subjects and courses as given at Tulane and as outlined in the synopsis and tables given below. No credit will be allowed on any subject which may have been taken in advance of the year in which it is required at this school. Honorable dismissal from school of previous attendance is required.

Students from Class B Colleges will be required to satisfy the entrance requirements and to pass examinations on all branches covered in the Tulane curriculum of the first two years. Not more than two years' credit will be allowed students from Class B Schools.

SYNOPSIS—STUDIES AND EXAMINATIONS

The full course of Lectures and all Laboratory Courses will begin Monday, September 27, 1920.

First Year (Freshman) (a)—Chemistry, anatomy; chemistry, histology, embryology, organology, osteology, practical anatomy (dissecting), in their laboratories; physical training.

(b) Examinations will be required during or at the close of the first year on branches taught in this year, embraced by the departments of chemistry and anatomy. Records of satisfactory attendance and knowledge in the laboratories of chemistry, of histology, embryology and organology, of practical anatomy, and of physical training will also be required.

Second Year (Sophomore) (a)—Anatomy, physiology, materia medica and pharmacology with their laboratories; physical diagnosis, and minor surgery, in their laboratories; neurology, applied anatomy, physiology, pharmacology, pathology and bacteriology, in their laboratories.

(b) Examinations will be required during or at the close of the second year on the branches taught in this year, embraced in the departments of anatomy, physiology, of materia medica and pharmacology, physical diagnosis, pathology and bacteriology and of minor surgery. Records of satisfactory knowledge and attendance in the laboratories of anatomy, of minor surgery, of physiology, of pharmacology, and of pathology and bacteriology, will also be required.

Third Year (Junior) (a)—Theory and principles of medicine, of surgery, of obstetrics and gynecology (including obstetrical manipulations in normal labor), and clinical instruction in those branches, gross pathological anatomy, physical diagnosis; therapeutics; clinical medicine, hygiene, diseases of the eye, of the nervous system; psychiatry, diseases of the skin, genito-urinary and venereal diseases, diseases of children; hygiene, pathology and clinical medicine in these laboratories.

(b) Examinations will be required during or at the close of the third year on the branches taught in this year and embraced by the departments of the practice of medicine, of therapeutics, of surgery, of obstetrics, of diseases of children, and of pathological anatomy, clinical medicine, hygiene, physical diagnosis, diseases of the eye, diseases of the skin, of the nervous system, psychiatry, genito-urinary and venereal diseases. Records of satisfactory attendance and knowledge from the laboratories of hygiene, pathology and of clinical medicine will be also required.

Fourth Year (Senior) (a)—The practice of medicine, of surgery, of obstetrics and gynecology (including obstetrical manipulations), of therapeutics, and clinical instruction in those branches, psychiatry, diseases of the nervous system, of children, of the skin, of the eye, ear, nose, and throat, orthopedics,

medical jurisprudence and toxicology; pathology, clinical medicine, tropical and preventive medicine, and operative surgery in these laboratories.

(b) Examinations will be required during or at the close of the fourth year, on the branches taught in this year, embraced by the departments of the practice of medicine, of therapeutics, of tropical and preventive medicine, of surgery, of obstetrics, of pathology, of gynecology, of the diseases of children, of psychiatry, diseases of the nervous system, of the skin, and of the eye, of the ear, nose, and throat, of orthopedics and of medical jurisprudence and toxicology. A record of satisfactory attendance and knowledge from the laboratories of clinical and tropical medicine, toxicology, pathology and of operative surgery will also be required.

Physical Training: *Male students in the School of Medicine must satisfy the scheduled hours in physical training, and obtain a passing grade from the physical director, showing credit for one year's work in the Freshman class. Students offering established credits from other institutions may be excused if such credits satisfy the requirements of this institution, but such credits will not exempt them from payment of the required fee.*

TABLE OF SUBJECTS EACH YEAR

| FIRST YEAR | SECOND YEAR |
|---|--|
| Anatomy | Anatomy |
| <i>Gross Anatomy</i> } | <i>Neurology</i> |
| <i>Osteology</i> } | <i>Applied Anatomy</i> |
| <i>Embryology</i> | Bacteriology |
| <i>Histology</i> | Materia Medica |
| <i>Organology</i> | Minor Surgery |
| Chemistry (<i>Physiological</i>) | Pathology |
| <i>Didactic</i> | Pharmacology |
| <i>Laboratory</i> | Physical Diagnosis |
| Physical Training | Physiology |
| THIRD YEAR | FOURTH YEAR |
| Clinical Surgery (<i>Minor</i>) | Diseases of Children |
| Diseases of Children | Diseases of Ear, Nose and Throat |
| Diseases of Eye | Diseases of Eye |
| Diseases of Nervous System | Diseases of Nervous System |
| Diseases of Skin | Diseases of Skin |
| Genito-Urinary and Venereal Diseases | Gynecology |
| Gynecology | Laboratory of Clinical Medicine |
| Hygiene and Preventive Medicine | Medical Jurisprudence and Toxicology |
| Laboratory of Clinical Medicine | Medicine |
| Medicine | <i>(including Physical Diagnosis, Internal Medicine, and Tropical Medicine.)</i> |
| Obstetrics | Obstetrics |
| Pathology | Operative Surgery |
| Physical Diagnosis | Orthopedics |
| Psychiatry | Pathology |
| Surgery | Psychiatry |
| Therapeutics | Surgery |
| | Therapeutics |

REMOVAL OF CONDITIONS

Students of the first three years who have attended any session and failed to pass satisfactorily the examinations required for that session, and students from other colleges who may be conditioned at entrance, may stand the examinations for the removal of such conditions, at the examinations held for that purpose, in September, *before the regular session opens.*

Only one re-examination will be allowed on each conditioned subject. Failing on re-examination, the student will be required to repeat the course.

Any student failing on two subjects in the Freshman year shall be required to repeat the year. Any student with one failed subject may remove that subject at the fall examination for conditioned students or may carry one condition into the Sophomore year, with the understanding that said condition must be removed before the beginning of the next session following.

Any student failing on three subjects in the Sophomore year shall be required to repeat the year. Any student with two failed subjects may remove these at the fall examination for conditioned students. If only one subject is removed the student may advance to the Junior year, with the understanding that the remaining condition must be removed before the beginning of the following session. *In the event that neither of the two conditions are removed, the student cannot advance to the Junior year.*

ALL SUBJECTS OF PREVIOUS YEARS MUST HAVE BEEN PASSED, BEFORE ADMISSION TO THE SENIOR YEAR IS ALLOWED.

Any student, who, during his courses in this college, convicts himself of defective general education, shall be required to remove this disability before he is graduated.

Any student required by rule to repeat the work of any year, must repeat *all subjects*, irrespective of any grade obtained in any subject.

No student is permitted to repeat any year more than once.

QUALIFICATION COMMITTEES

A committee from the Faculty of the first two years regularly reviews the work of all those students who are deficient, in order that the Faculty may pass upon their fitness to advance or to remain in the school. A like committee from the Faculty of the last two years follows a similar plan for the students in the upper classes.

SCHEDULE OF CONDITION EXAMINATIONS SEPTEMBER, 1920

| September | | 9-11 A. M. | 2-4 P. M. |
|-----------|----|--|---|
| Monday | 13 | Histology; Surgery. | Organology, 2nd Year Minor Surgery; Pathology (3rd year). |
| Tuesday | 14 | Chemistry; Neurology; Medicine. | Applied Anatomy; Psychiatry. |
| Wednesday | 15 | Gross Anatomy (parts); Path- ology and Bacteriology (2nd Year); Gynecology. | Physical Diagnosis (2nd Year); Dis. of Nervous System. |
| Thursday | 16 | Anatomy (en- tire body): Physiology; Therapeutics. | Mat. Medica and Pharmacology. Genito-Urinary and Venereal Diseases. |
| Friday | 17 | Embryology; Minor Sur- gery (Clinical). | Pediatrics. |
| Saturday | 18 | Diseases of the Eye. | Hygiene; Lab. of Clinical Medi- cine. |
| Monday | 20 | Diseases of the Skin. | Obstetrics. |

Students will not be admitted to Condition Examinations until they are registered in advance at the Dean's Office.

NOTICE—For condition examinations on any subject at any other time than as above scheduled, a charge of \$10 will be made for each examination. This charge must be paid by each student in advance of each examination.

SUMMER SCHOOL OF MEDICINE

For several years the Tulane School of Medicine has provided instruction for students of this department, for intending students from other colleges and for graduates in medicine.

While a considerable part of the work of this school relates to the subjects and courses covered in the regular curriculum, and is intended for purposes of review, the Summer School has always offered advanced work, including research, for students and physicians desiring such.

All students in the Summer School are required to register at the office of the School of Medicine at the Hutchinson Memorial, No. 1551 Canal Street.

The registration fee for each student is \$5, and the fees for individual courses vary. The registration fee will entitle each matriculant to visit the Charity Hospital and the Touro Infirmary, and will also register the student, if otherwise qualified, for the next regular college term. Due notice is required, stating the intention of the student to take advantage of this double registration for one fee. **No student will be so registered for the regular term without such notice, and such registration will become effective only upon the personal presentation of the registration card of the Summer School within the first week of the opening of the regular session.**

The fees and detailed information for individual courses of the summer school are printed in the regular **Announcement of the Summer School of Medicine** (sent on request).

While the summer courses offered in this school are intended for review and advanced work, credit will be given wherever the work in any one department may justify it, and upon the recommendation of the head of the department in which the instruction is given.

Students from other schools with entrance conditions and conditioned students in the School of Medicine of Tulane may satisfy their conditions by courses in the Summer School covering deficiencies, and may be examined for such conditions by the heads of departments, who may pass upon the same at the conclusion of the summer courses. Grades obtained in such examinations will be duly credited.

The Summer School begins annually the first Monday after Commencement.

REQUIREMENTS FOR GRADUATION

Every candidate for graduation must be of good moral character, which includes good conduct while a student of the School of Medicine, must have attained the age of twenty-one years, and must have complied with all the educational requirements.

He must have attended, in a regular and reputable medical college at least 80 per cent. of each of four full year courses, of not less than thirty-two weeks each in four separate years; and the last of these courses must have been in this institution.

Candidates for graduation must have taken (1) the required courses in all subjects; (2) the required courses of practical anatomy, including the various laboratories; (3) the required course in physiological chemistry; (4) prescribed laboratory courses of histology, organology, physiology and of pathology, bacteriology, and clinical medicine and of hygiene and tropical medicine; (5) one course in the laboratory of pharmacology; and (6) one course in a laboratory of operative surgery. They must submit evidence of satisfactory attendance and knowledge of all these laboratory courses.

Each student is required to witness at least ten cases of labor before graduation.

Every candidate for graduation must have paid all college dues, including the graduation fee, and must pass satisfactory examinations before the members of the faculty on all branches scheduled in the years of his attendance.

A candidate for graduation, who fails to pass satisfactory final examinations after two annual trials, will not be examined again. Rejected candidates are required to repeat the entire fourth year.

ATTENDANCE ON MORE THAN FOUR ANNUAL COURSES

Students who have attended and paid for all of the four required courses, the last of which was in this institution, are thereafter entitled to attend the lectures and the clinics upon payment of matriculation and laboratory fees.

TABLE OF FEES—SESSION 1920-1921

| | Matriculation | Infirmary Fee | Gymnasium-Athletic Fee | Breakage Fee | Tuition | Graduation Fee | Totals |
|------------------------------|---------------|---------------|------------------------|--------------|---------|----------------|--------|
| Pre-medical Years—each | \$5 | \$5 | \$10 | \$10 | \$180 | | \$210 |
| Regular Course: | | | | | | | |
| First Year..... | \$5 | \$5 | \$10 | \$10 | \$190 | | \$220 |
| Second Year..... | 5 | 5 | 10 | 15 | 190 | | 225 |
| Third Year..... | 5 | 5 | 5 | 10 | 190 | | 215 |
| Fourth Year..... | 5 | 5 | 5 | 10 | 190 | \$30 | 245 |
| | \$20 | \$20 | \$30 | \$45 | \$760 | \$30 | \$905 |

Considering the exceptional advantages for practical instruction in hospital and laboratories and the constant care and labor bestowed, the charges are as low as are compatible with the superior advantages given.

The Faculty reserves the right to increase the above fees for any year of the four-year course after the session of 1920-21.

All fees are payable on admission except the graduation fee of \$30, which is not accepted earlier than January 1, nor later than March 31. Ten dollars of this fee will be retained in the case of candidates for graduation who may fail to be graduated, or who may withdraw their applications after the final examinations.

For the accommodation of students, the payment of the tuition fee may be made in two instalments, one-half at entrance and one-half February 1. *For such accommodation a delinquent fee of two dollars will be added to the second payment.* Other fees, as stated above, are payable on admission.

MATRICULATION FEE

Every person, whether student or graduate, admitted to the privileges of this institution, must pay a matriculation or registration fee of \$5 for every session or part of session he may attend; and he will not be entitled to admission to any classes or clinics until registered.

GYMNASIUM-ATHLETIC FEE

A gymnasium-athletic fee of \$10 in the Pre-medical, Freshman and Sophomore years, and \$5 in the junior and senior years, will be charged all male students for the services of physical director, use of athletic facilities and privileges, for required gymnasium courses, etc. Students excused from Physical Training, through prior credit or for other reasons, shall not be exempt from the payment of the gymnasium-athletic fee.

INFIRMARY FEE

An infirmary fee of \$5 will be charged each session, which will cover all hospital care in the College Infirmary and will provide for *reasonable hospital expenses in cases of ordinary illness, under the rules of the infirmary committee.* This fee applies to all non-resident students and to such resident students as may avail themselves of the privilege by payment of the fee at time of registration.

MICROSCOPE

Each student entering the Medical School is required to furnish his own microscope. Purchase of microscopes should be made only after advice from the Dean's office as to the kind suitable for the work of this school.

BREAKAGE FEES

A breakage fee must be deposited for each course in the laboratories of anatomy, chemistry, physiology, pharmacology, pathology and bacteriology, hygiene and clinical medicine, to reimburse for breakage and needless injuries to college property. Any unused part of such fee will be refunded if proper demand is made at the end of each session, and before the beginning of the next session.

Any damage in excess of such deposit must be paid by the student concerned.

FEES FOR GRADUATES

Graduates of this College who have paid for all of the required four courses, the last of which was in this institution, are thereafter entitled to attend the lectures and the clinics without charge for the professors' fees, but they will be charged the matriculation fee and the fees for all laboratory courses they may attend.

The fees for *regular laboratory courses* taken apart from regular courses are uniformly fixed at \$25. *Special laboratory courses*, experimental or research, may be arranged, for which special rates will be charged.

Students who do not attend full courses, but only partial or special courses, must pay for the tickets of the professors whom they may attend, \$25 each.

Graduates of other recognized medical colleges, who are not candidates for the M. D. degree of this college, must pay, in order to attend all lectures and the hospitals, the matriculation fee, \$5, and an additional tuition fee of \$100. For each regular laboratory course taken the additional fee of \$25 will be charged. If candidates for the M. D. degree, such student physicians must pay the regular fees.

REFUND OF FEES

Students who may withdraw for satisfactory reasons during the session and before March 15, will be refunded the unused balance of the fees for the session. *Prompt written notice at time of withdrawal is required to make this effective.* No refund will be made after March 15.

OTHER ANNOUNCEMENTS

State Board Examinations. The Louisiana State Board has announced that all students of **Class A** colleges, completing the second, or third year, and being certified by the proper authorities as having finished the required courses in the primary branches of Anatomy,

Chemistry and Physiology, will be permitted to take the Board examinations on these subjects, and, if successful, these examinations will be credited towards final licensure.

Tulane Graduates are Eligible to Examination for Fellowships in the Royal College of Surgeons of England, and the Royal College of Physicians of London.

GENERAL INFORMATION

Information about houses for boarding and lodging may be obtained from the Registrar or Clerk. The price usually paid by students is approximately \$30 to \$40 per month. A list of desirable boarding houses is prepared shortly before the opening of the session and may be consulted by students on their arrival at the college.

Students in the first two years who are non-residents may reside in the dormitories on the Campus.

Applications for dormitory rooms should be made as early as possible, before the term opens, to the Registrar, Gibson Hall, Tulane University. Application must be accompanied by a deposit of five dollars to secure accommodation.

On request to the Dean's office parents or guardians will be furnished with students' records, *at the end of each session*.

Students receiving remittances from home are advised to obtain them in checks on New Orleans banks or in Post Office or Express money orders.

Correspondence intended for students of this department in the first and second years should be addressed "Richardson Memorial, Tulane Campus," Station 20, New Orleans, La.; for students of third and fourth years, "Hutchinson Memorial", 1551 Canal Street, or P. O. Box 770, New Orleans, La.

For Bulletin of the School of Medicine containing detailed information as to courses of study, etc., address:

**Dr. Isadore Dyer, Dean, School of Medicine,
The Tulane University of Louisiana,
P. O. Box 770, New Orleans, La.**

REGULAR COURSES OF INSTRUCTION

DEPARTMENT OF ANATOMY

*PROFESSOR IRVING HARDESTY, A. B., Ph. D., D. Sc.
PROFESSOR HENRY BAYON, A. M., M. D.
ASSISTANT PROFESSOR WILMER BAKER, M. D.
ASSISTANT PROFESSOR HAROLD CUMMINS, A. B.
ASSISTANT PROFESSOR CHARLES H. SPURGEON, A. B., A. M.
Dr. Charles H. Voss, A. B., Instructor.
Dr. E. L. Faust, Assistant.
Mr. Joseph Sicomo, Student Assistant.

LABORATORIES AND MUSEUM OF ANATOMY

The work in this department covers both Gross and Microscopic Anatomy and Embryology. The Laboratories for both divisions of the work and the Museum of Anatomy are in the Richardson Memorial Building. The laboratories are commodious, especially adapted and well equipped for the work and more equipment is being added. The museum contains a complete series of preparations illustrating human osteology and a large collection of actual dissections made by the Curator of the Museum, Professor *Emeritus* Edmond Souchon, who devotes his time gratis to the Medical Department and who has made this remarkable and useful exhibition of anatomical specimens.

GROSS OR SYSTEMATIC HUMAN ANATOMY

The courses in Gross Anatomy are offered in practical work almost entirely. Independent work on the part of the student is encouraged and stimulated as far as possible. There are no formal lectures accompanying dissection. Short laboratory talks and explanatory demonstrations will be given to groups of students in the dissecting room from time to time as occasion may require and the student at the table is subjected to questions aimed at testing the thoroughness of his work. Short conferences and quizzes are held weekly with sections of the class. One hour each week the entire class in Anatomy is assembled for conferences covering the structure of the body in general and the history of Anatomy. Every effort is made to induce the student to acquire actual knowledge of the construction of the body, visual images rather

*Absent on leave, 1920-21.

than word pictures of the various structures and their interrelationships. Aid in grasping topographical relations will be afforded by models, wet preparations and serial sections of the body and, after the required dissections are completed, a shorter course in Topographical and Applied Anatomy is offered as a means of summarizing and systematizing the entire work.

REQUIRED COURSES

The work in Gross Anatomy falls into the following divisions:

1. **Osteology and Arthrology.** (Profs. Baker and Bayon and Assistants). Students are provided with skeletons in boxes and bones which they may take to their rooms. Accurate drawings of some of the typical bones will be required, which must be fully labeled and handed in for correction. The osteology of each part of the body is studied, accompanying the dissection of that part.

2. **Head, Neck and Thorax.** (Profs. Baker and Bayon and Assistants.) 197 hours during the first year.

3. **Pelvis and Abdominal Viscera.** (Profs. Baker and Bayon and Assistants.) 137 hours during the first year.

4. **Lower and Upper Extremities.** (Profs. Baker and Bayon and Assistants.) 147 hours during the first year.

5. **Topographical and Applied Anatomy.** (Prof. Bayon and Assistant.) The intact body, serial sections of the body, models and special dissections will be used in this course with the special intent to enable the student to become more familiar with structural interrelations and to assemble and systematize information obtained in the preceding dissections. Sketches of certain of the sections are required, labeled as to locality and the names of the structures represented, and, from the sections and sketches, the student is asked to construct, in outline-charts of the body furnished, projections of the head and trunk, with the principal organs in position. Open only to students who have satisfactorily dissected the entire body. Three laboratory periods (9 hours) per week, including one quiz per week, third trimester.

MICROSCOPIC ANATOMY

In this work the various tissues and organs of the body are studied from both the embryological and anatomical points of view, emphasizing their differentiation and elaboration from the developmental into the adult form and their structural peculiarities and gradations. In order to bridge the usual gap between gross and microscopic anatomy, the study of a tissue or organ in courses 7, 8 and 9, is fre-

quently begun with the examination of material in the fresh state, using teasing methods and free-hand sections. The more detailed studies are made from specimens prepared by methods designed to show their distinguishing microscopic features. The routine sections are prepared by the Technical Assistant of the department and are only mounted by the student. A small experience is afforded in the use of technical methods but not enough to thoroughly familiarize the student with the details of the different methods employed in the preparation of tissues for study. Drawings of the preparations under the microscope are required and, wherever possible, from preparations of human material. In Embryology and on the completion of a group or system of closely related structures in Histology and Organology, the student is required to hand in his drawings covering that group, neatly mounted in correct sequence and fully labeled as to the subject and the detailed structures shown. The drawings are graded and returned.

6. Embryology. (Professor Spurgeon and Assistants.) This course covers briefly the earlier stages of development and the organo-genesis of the vertebrate embryo, with the descriptive work based upon what is known of the similar processes in man. The student is given some experience in the fixing, preserving and staining of material. The phenomena of fertilization and cell division are studied, followed by the origin and formation of the primary germ layers and the tissues derived from them, and then the origin and elaboration of the organs of the body is taken up. In the lecture work especial attention, in addition, is given to the formation and significance of the foetal membranes, the determination of the age of human embryos, the attachment, orientation, nutrition and pathology of embryos and foetuses. Vestigial structures, inclusions and the causes which underlie the production of monsters are considered. First year, three laboratory periods (3 hours) and three lectures per week during second trimester.

7. Histology. (Prof. ——— and Assistants.) Here is considered the anatomy of the cell, its varieties of form, the processes of its proliferation, and its differentiation into specialized types. Then follows the detailed study of the four fundamental tissues, their varieties as composed of cells and cell products and as derived from one or the other of the primary germ layers. First year, three laboratory periods (8 hours) and three lectures per week, first trimester.

8. Microscopic Organology. (Prof. Cummins and Assistants.)

The various organs comprising each organ system are considered as to their form and the arrangement, number and variety of the fundamental tissues composing them, and as to their structural relations in the functional apparatuses they comprise. The studies are usually begun with the observation *in situ* of a group of organs comprising an apparatus or system. First year, three laboratory periods (nine hours) and three lectures per week during third trimester. A satisfactory knowledge of Histology (course 7) is prerequisite to this course.

9. Neurology. (Prof. Cummins and Assistants.) This is a course especially devoted to the macroscopic and microscopic architecture of the central nervous system and organs of special sense. The neurone, neuro-epithelium etc., studied in Histology, are considered as they take part in the construction of the nervous apparatus with especial effort toward tracing the origin, termination, course and arrangement of the principal pathways of nerve impulses. Attention is given to the development and growth of the nervous system, Second year, three laboratory periods (8 hours, including one quiz per week) and three lectures during first trimester.

Text-Books: *Gross Anatomy*—Morris (5th edition); Cunningham (5th edition); Piersol; Atlases of Toldt, Spalteholtz and Sabotta-McMurrich; Davis' *Applied Anatomy*; Beesley and Johnston's *Surgical Anatomy*; Gray (Howden's).

Embryology—Human Embryology (Keibel and Mall); Text-book of Embryology (Prentiss); The Development of the Human Body (McMurrich), and Minot's *Laboratory Text-book of Embryology*.

Microscopical Anatomy—Piersol; Stöhr (Lewis) (2nd edition); Jordan and Ferguson; Bailey; Schäfer's *Essentials* (7th edition); Quain, 11th edition, vol. II, part I; part III, Morris' *Anatomy* (5th Edition); Villiger's *Gehirn und Rückenmark*; Hardesty's *Laboratory Guide*; and the atlases used in *Gross Anatomy*.

GRADUATE AND OPTIONAL COURSES

10. Review Course in *Gross Anatomy*. (Profs. Bayon and Baker.) A study-room course is offered primarily for practitioners of medicine, but also for upper classmen who have completed the required work in dissection. It will consist of the study of museum specimens, models, wet preparations and sections of the body in the possession of the Department of Anatomy. No credit toward the degree of Doctor of Medicine is given for this course. Hours may be arranged to suit applicants.

***11. Microscopic Organology.** (Prof. Hardesty.)

Advanced study of the structures comprising either the circulatory apparatus, the digestive apparatus, or the urino-genital apparatus, is offered physicians and graduate students who wish to become more familiar with these subjects than is usual after taking the routine courses dealing with them, or candidates for the higher degrees who desire to take major or minor subjects within the Department of Anatomy.

One term. Six hours a week.

***12. Neurology.** (Prof. Hardesty.)

Special study of the histology and macroscopic and microscopic architecture of the central nervous apparatus.

One term. Five hours a week.

***13. Special Anatomy of the Auditory and Optic Apparatuses.** (Prof. Hardesty.)

This course is offered primarily for graduate students, but is elective by others especially interested in the subject and qualified to take it. It will deal with both the gross anatomy and detailed microscopic structure of the parts comprising the two sense organs mentioned and, in addition, will consider their pathways, connections and relationships within the brain.

Hours will be arranged to suit applicants.

One term. Five hours a week.

14. Advanced Course in Gross Anatomy.

A course offered primarily for graduates in medicine, but may be taken by others who have completed the required work in dissection. It is designed to afford opportunity for a more detailed study of the macroscopic anatomy of any part of the body desired, or for an advanced study of any of the systems of organs comprising a Functional Apparatus. The viewpoint from comparative anatomy will be suggested.

**RESEARCH
IN ANATOMY**

Advanced students of Anatomy and graduates sufficiently qualified are urged to undertake the investigation of original problems under the direction of the head of the department and members of the staff. Opportunity is given to gain experience in special histological technic and in the construction of papers for publication. Results meriting it will be published. Hours arranged to suit applicants.

*Courses 11, 12 and 13 in Anatomy will not be offered in 1920-1921.

DEPARTMENT OF PHYSIOLOGY AND PHYSIOLOGICAL CHEMISTRY

PROFESSOR WALTER EUGENE GARREY, Ph. D., B. S., M. D.

ASSISTANT PROFESSOR F. P. CHILLINGWORTH, M. D.

ASSISTANT PROFESSOR RALPH HOPKINS, A. B., M. D.

Dr. Adolph DeC. Henriques, Instructor.

Mr. Richard Ashman, Litt. B., Instructor.

Physiological Chemistry :

ASSISTANT PROFESSOR—WILLEY DENIS, A. B., M. A., Ph. D.

Assistant Instructor—To be appointed.

Student Assistant—To be appointed.

1. Didactic Course. (Prof. Garrey and staff.) For second year students. This course includes lectures with co-ordinate demonstration and quizzes. It is designed to give emphasis to those fundamental facts and principles which are considered essential to an adequate treatment of human physiology. Special emphasis is placed upon those aspects of the subject which find a practical application in subsequent medical studies.

The general subdivisions of the lecture work include an introductory bio-dynamic study, dealing with the physico-chemical analysis of vital activity and tissue reactions in general, followed by a more intensive study of muscle and nerve, central nervous system, senses, blood, heart and circulation, respiration, mechanical factors of digestion, secretion, nutrition, the endocrine functions, and reproduction. (120 hours.)

2. Laboratory Course. (Prof. Garrey and staff.) For second year students. This course is designed to give the student an objective knowledge of physiology. This is attained by seeing the living tissues at work and by using the methods which make the analysis of the activities accurate and quantitative. In order to emphasize the methods applicable to clinical examinations, special experiments are introduced in which students serve as the subjects of experiments illustrating certain phases of the physiology of circulation, respiration, the nervous system, and senses. Where this is not feasible, lower animals are used, as in the study of muscle, nerve and the nervous control of the organs of circulation, respiration, and secretion.

The laboratory equipment admits of the work being conducted by groups of two. Accurate notes of all experiments are required of each student; these with the graphs obtained form a permanent record of the work done. (126 hours.)

3. Demonstrations. (Dr. Henriques) The laboratory course is supplemented by a course of X-ray demonstrations illustrating various physiological processes in man. (20 hours.)

4. Research. (Prof. Garrey.) Investigation of special problems may be undertaken by those qualified to do graduate work. This work is accredited toward advanced degrees in the Graduate School.

Text-books—Howell, *Text Book of Physiology*; Stewart, *Manual of Physiology*; Tigerstedt's *Physiology*, translated by Murlin; Starling, *Human Physiology*. Hewlett, *Physiology of Clinical Medicine*; Macleod, *Physiology and Biochemistry in Modern Medicine*.

| | |
|---|--|
| Physiological Chemistry First Year | (Professor —————) Lectures, recitations and laboratory work covering those portions of the subject which are of greatest importance to the student of medicine. (240 hours.) |
|---|--|

The laboratory work includes detailed study of the chemistry of the carbohydrates, fats and proteins; the analysis of the more important animal tissues and fluids; a study of the various digestive enzymes; the analysis of gastric contents; of milk; of urine, blood; and such other matters as are encompassed in physiological, clinical and pathological chemistry.

Every student assigned to the chemical laboratories is fully equipped and supplied with all apparatus and chemicals, but there will be a charge for breakage and for unnecessary waste of material.

Text-books—Mathew's *Physiological Chemistry*; Hawk, *Physiological Chemistry*; Hammersten, *Physiological Chemistry*; Lusk, *The Science of Nutrition*.

DEPARTMENT OF PHARMACOLOGY AND THERAPEUTICS

PROFESSOR J. T. HALSEY, M. D. (Pharmacology, Therapeutics and Clinical Medicine.)

PROFESSOR J. BIRNEY GUTHRIE. B. Sc., M. D. (Clinical Medicine.)

PROFESSOR OSCAR WALTER BETHEA, Ph. G., M. D., F. C. S. (Clinical Therapeutics.)

ASSISTANT PROFESSOR F. P. CHILLINGWORTH, M. D. (Pharmacology.)

DR. L. J. DUBOS, JR., Instructor in Therapeutics.

MR. H. W. BUTLER, Student Assistant.

PHARMACOLOGY AND THERAPEUTICS

The work in this department begins in the second term of the second year and continues until the end of the fourth year. In the second year **Materia Medica** and **Pharmacy**, in so far as these subjects seem essential to the medical student, will be taught separately during the third term and in the second and third terms in immediate connection with the courses on Experimental and Systematic Pharmacology.

The hours devoted to this course will be equally divided between lectures and recitations and practical work in the laboratory.

Systematic Pharmacology (Professors Halsey and Chillingworth.)—This course will consist of about 60 hours of recitations, lectures, and demonstrations on the general principles of pharmacology and on the pharmacology and toxicology of the important and commonly used drugs and poisons. Here too the clinical significance and uses of these drugs will be discussed as far as seems advisable. Coincident with and in close relation to this course, will be given the course on:

Experimental Pharmacology (Professors Halsey and Chillingworth.)—The required work in this course will consist of laboratory exercises, in which the students will conduct for themselves a number of experiments illustrating the physiological and toxicological action of a number of the most important drugs.

Further work on experimental pharmacology may be carried on by those qualified to do graduate work, which may be accredited toward advanced degrees (Prof. Chillingworth.)

Dietetics (Professor Guthrie.)—Part of the course in the fourth year will be devoted to a consideration of the question of foods from the standpoint of prophylaxis and as applied to feeding the sick. In this course special stress will be laid on the feeding of patients in such diseases as are treated exclusively by special dietetic measures.

Systematic Therapeutics (Professors Halsey, Guthrie and Bethea.)—During the third and fourth years, one hour a week will be devoted to lectures and recitations on the general and underlying principles of the treatment of various clinical conditions and of the chief diseases. In close connection with this course will be:
Therapeutic Clinics (Professors Halsey, Guthrie and Bethea.)—For fourth year students.

These will be held weekly in the amphitheater of the Charity Hospital, patients being selected especially for their therapeutic interest. As far as is feasible, they will be chosen for their relation to the subjects treated in the course on systematic therapeutics and will be demonstrated and discussed by teachers and students with especial reference to the care and management of these and similar cases. Whenever the opportunity presents itself cases will be used which permit of demonstration in the amphitheater of special methods of treatment such as stomach or colonic lavage, giving of enemata, inunctions, hypodermic medication, massage, passive or resistance exercises, baths, packs, &c.

Bedside Therapeutics In the ward and out-patient work for fourth year students in the department of internal medicine, especial attention will be given by the various teachers to the too often neglected matter of treatment.

Prescription Writing Besides the usual instruction in this, which is interjected in all the above mentioned courses, a special course on prescription writing will be given by Professor Bethea during the fourth year.

Text-books — *Pharmacology* — Bastedo, Gottlieb and Meyer, Cushny.

Materia Medica and Prescription Writing—Bethea.

Therapeutics—A. M. A. *Handbook of Therapy*; Meara's *Infectious Diseases*. Reference, Forcheimer's System.

Dietetics—Friedenwald and Rührhah; Carter's Diet Lists.

Psychotherapy—Dubois, *Psychic Treatment of Nervous Disorders*.

DEPARTMENT OF MEDICINE

PROFESSOR GEORGE S. BEL, M. D. (Theory and Practice of Medicine and Clinical Medicine).

PROFESSOR J. T. HALSEY, M. D. (Therapeutics and Clinical Medicine).

PROFESSOR J. BIRNEY GUTHRIE, B. Sc., M. D. (Clinical Medicine).

PROFESSOR CHARLES CASSEDY BASS, M. D. (Experimental Medicine).

*PROFESSOR JOSEPH DEUTSCH WEIS, M. D. (Clinical and Tropical Medicine).

PROFESSOR ISAAC I. LEMANN, M. D. (Clinical Medicine).

ASSISTANT PROFESSOR CHARLES L. ESHLEMAN, A. B., M. D. (Clinical Medicine).

ASSISTANT PROFESSOR SIDNEY K. SIMON, A. B., M. D. (Clinical Medicine).

*Absent on leave.

ASSISTANT PROFESSOR RANDOLPH LYONS, A. B., M. D. (Clinical Medicine).

ASSISTANT PROFESSOR FOSTER MATTHEW JOHNS, M. D. (Laboratory of Clinical Medicine).

ASSISTANT PROFESSOR STANFORD CHAILLÉ JAMISON, M. D. (Clinical Medicine).

ASSISTANT PROFESSOR EDMUND MOSS, M. D. (Clinical Medicine).

LECTURERS AND INSTRUCTORS IN MEDICINE AND CLINICAL MEDICINE.

| | | |
|------------------|--------------------|---------------------|
| Dr. J. M. Bamber | Dr. H. J. Gondolf | Dr. Aldea Maher |
| Dr. M. E. Bass | Dr. B. R. Heninger | Dr. A. Mattes |
| Dr. R. Bernhard | Dr. H. P. Jones | Dr. P. F. Murphy |
| Dr. M. E. Brown | Dr. J. L. Locascio | Dr. D. A. Palmisano |
| Dr. J. C. Cole | Dr. H. C. Lochte | Dr. R. H. Potts |
| Dr. L. J. Dubos | Dr. W. A. Love | Dr. H. T. Simon |

CLINICAL MEDICINE AND RADIOLOGY

| | |
|------------------|-----------------------|
| Dr. E. C. Samuel | Dr. A. DeC. Henriques |
| Dr. E. R. Bowie | Dr. L. J. Menville |

**THEORY AND
PRACTICE OF MEDICINE**

The course of study in internal medicine begins in the first half of the second year.

Second Year. (Professor Bel and Staff.)—Professor Bel **Physical Diagnosis** gives a systematic lecture course on the elements of physical diagnosis once a week, illustrated by dissections, charts, diagrams, and demonstrations on the normal body. The relations of regional anatomy, physiology, and physics to diagnosis are impressed upon the student, and his knowledge is tested by quizzes at the end of each hour as well as by his practical work.

The practical course is given in the last fifteen weeks of the second year, three times a week. The class is divided into sections and the members, under the guidance of Professor Bel and his staff practice all the methods of physical diagnosis of the normal subject. Accurate technic and familiarity with the normal signs are the aims. Physical diagnosis of the lungs, heart, diaphragm and digestive tract is taught in conjunction with the use of the X-ray. Knowledge of the normal and variations of the normal is increased by visualization of the fluoroscope and skiagraphic images of the parts under consideration. The X-ray demonstrations will be conducted by Dr. Adolph Henriques.

Clinical Pathology (Professor Duval and Staff.) (See under *Pathology*.)

Third Year.

Theory and

Practice of Medicine

This course will consist of lectures and recitations twice a week on the more important diseases and, in addition, subjects for reading will be assigned in standard text books so that the student may be guided in his work. In order to cover the subject of internal medicine as systematically as possible, the following lectures will be given :

1. Diseases of the cardio-vascular system. (Prof. Guthrie.)
2. Diseases of the respiratory system. (Prof. Lyons.)
3. Infectious diseases. (Prof. Moss.)
4. Diseases of blood and spleen. (Prof. Jamison,)
5. Diseases of metabolism and ductless glands. (Prof. Lemann.)
6. Diseases of the gastro-intestinal tract. (Prof. Simon.)
7. Diseases of the kidneys. Life insurance. (Prof. Eshleman.)
8. Diseases of the liver. (Dr. Love,)

Diagnostic Clinic

(Professors Lemann, Lyons and Jamison.) Once a week. In this the clinical phenomena that can be seen will be studied and their value in diagnosis considered. The clinical manifestations of pathological physiology will be studied, as far as possible.

Röntgen Diagnosis

(Dr. Samuel.) — On Monday afternoons at the beginning of the first and second terms, respectively, Dr. Samuel will meet the third year students assigned to medicine in the Röntgen Laboratory of Touro Infirmary. Demonstrations of methods of thoracic Röntgen diagnosis will be given.

Ward Classes in Clinical Diagnosis

(Professors Lemann and Lyons and Staff.) Three times a week, for one semester, small sections, subdivided into smaller groups under the charge of the several teachers, practice on patients in the wards the methods of physical diagnosis and other manipulations necessary in the practical investigation of cases. The main objects are accurate technic and familiarity with the common physical signs. The work in the class is wholly practical.

Examinations

On the completion of the course in clinical diagnosis, an examination will be held. In addition, at the end of the session there will be a *final examination* covering the whole course in Theory and Practice of Medicine. *Students conditioned in third year medicine will not be re-examined unless evidence of three months continued clinical work shall have been furnished.*

Junior Laboratory of Clinical Medicine (Professor Bass, Director. Drs. Mattes and Locascio.) In this laboratory the student is taught all the ordinary clinical laboratory work of use in the practice of Medicine and its various branches. The work is chiefly microscopical. The laboratory is under the direction of the Department of Medicine, but the clinical laboratory methods of all branches are taught. Laboratory diagnosis of Tropical Diseases is also taught here as a part of the course in Tropical Medicine.

Each student must furnish his own microscope with mechanical stage, blood counter and pipette, platinum loop, slides, cover-glasses, hemoglobin scale, centrifuge tubes, laboratory book, and a few other items of small cost. Students should not purchase apparatus until they have been properly informed of the kind best suited to their needs.

The course consists of laboratory exercises five times a week, two hours each, throughout one-half the session,

Students are thoroughly taught the best methods of examination of blood, urine, stools, sputum, pus, exudates and other material in order to prepare them to make practical application of laboratory diagnosis in their senior year, in connection with their clinical work. Special attention given to malaria parasites, hookworm and other ova in stools, etc.

Fourth Year Clinical Lectures (Professors Bel and Guthrie and Staff.) Forty-five lectures. Patients illustrating the most important diseases will be demonstrated in the amphitheater, the histories taken by members of the class read, the necessary examinations made, and the diagnosis, prognosis, and, the correlation of physiology, pathology and treatment discussed. The various diseases will be presented systematically, as far as possible.

Ward Work and Ward Classes (Professors Bel, Guthrie, Moss, and Drs. Jones, Cole, Bernhard, Bamber, Murphy and Dubos.) In sections of about ten the students will work in the medical wards daily for ten weeks. In the beginning of the daily period students will take histories, examine patients and their secretions and excretions. In the last hour they will make rounds, demonstrate and discuss cases, carry out details of treatment, and familiarize themselves with the daily life of patients sick in bed.

Clinico-Pathological Conferences (Professors Bel and Duval and Staff.) A weekly conference throughout the year will be held in the Pathological Department of the Charity Hospital.

Röntgenology (Drs. Henriques and Menville.) Sections in medicine will meet Drs. Henriques and Menville in the X-ray Department of the Charity Hospital from time to time as cases demand.

The privilege of using the clinics of the Anti-Tuberculosis League will be afforded students of the Senior Class.

Out-Patient Courses (Professors Eshleman, Simon and Jamison, and Dr. Bamber.) Students work in the medical dispensary six hours a week for five weeks, in small sections. In this connection, under Professor Simon, at the Touro Infirmary, each student is given practical experience in introducing the stomach tube. Gastric analyses are made, direct from the patient.

Senior Laboratory of Clinical Medicine (Professor Bass, Director. Professor Johns and Dr. Gondolf.) Each student is assigned to this laboratory ten hours during five days of each week for one-half of the session, and during the same time that he is assigned to the medical divisions of the course.

Students are required in this laboratory to make examinations of the blood, feces, urine, sputum, exudates, etc., of the patients assigned to them in their clinical work at the hospital and also of other instructive material brought to the laboratory.

Satisfactory evidence of ability to perform all the ordinary clinical laboratory examinations is required. Reports on different kinds of specimens are also required.

Each student must furnish his own microscope with mechanical stage, blood counter and pipette, platinum loop, hemoglobin scale, test tubes, pipette, slides, cover-glasses, laboratory book, and a few other items of small cost.

This laboratory course is an integral part of the course in medicine (and also tropical medicine), and proof of proficiency in the work will be required for graduation.

Therapeutic Clinic (Professors Halsey and Bethea). (See under *Therapeutics*.)

Text-books—*Internal Medicine*, Osler; Anders. For Reference: Osler's *Modern Medicine*; Allbutt's *System*; Cabot, *Differential Diagnosis*; Bass and Johns *Clinical Laboratory Diagnosis*.

Diagnosis—Cabot, Hutchinson and Rainey. *Clinical Laboratory Diagnosis*. Bass and Johns. Morris and Landis.

Tropical Diseases—Manson; Stitt; Mense; Rogers; Deaderick.

Parasitology—Braun.

Lungs—Fowler and Godlee. *Heart*—Lewis; McKenzie. *Intestines*—Schmidt and Strasburger.

Metabolism—Joslin.

Diseases of the Digestive System—Stockton; Bassler; Kemp.

PSYCHIATRY

PROFESSOR ROY M. VAN WART, B. A., M. D.

INSTRUCTORS

Dr. L. V. J. Lopez

Dr. C. S. Holbrook

Dr. C. V. Unsworth

The course in the third year will consist of lectures on general and special psychiatry.

The fourth year course will consist of clinical demonstrations to small sections of the class. Students will be expected also to write histories and report the results of the examinations of a limited number of cases.

The course will deal principally with the borderline types, and the early symptoms of mental disorders, such as are usually seen by the general practitioner.

Patients requiring institutional care will be demonstrated and the conditions which would lead to the adoption of this method of treatment, pointed out.

Text-books—*Psychiatry*, White; White and Jellife.

DISEASES OF THE NERVOUS SYSTEM

ASSISTANT PROFESSOR HENRY DASPIT, M. D.

ASSISTANT PROFESSOR LIONEL L. CAZENAVETTE, M. D.

The course commences with the Third Year, is graded, and consists of didactic lectures, clinical teaching direct from the cases encountered in the outdoor clinics and wards of the hospital, class recitations and quizzes.

Third Year The course during this year consists of one didactic lecture a week throughout the session and is outlined to cover the general and special anatomy of the nervous system, neuropathology, history taking, examination methods and the consideration of organic nervous disease.

Fourth Year Each class assignment is, by way of review, briefly taken over the architecture and gross anatomy of the nervous system, the mechanism of the reflexes, etc., is demonstrated, and the mode of origin of nervous symptoms is dealt with, etc., together with methods of examination employed in neurology, case and history taking, etc., preparatory to study of clinical cases. Patients are assigned to students who take histories, examine and make diagnoses, and prescribe under the supervision of the teachers. Cases are further studied before the class and students are led in clinical work and methods of diagnosis.

During the last half of the session, one didactic lecture weekly is devoted to the study of the topography of the central nervous system, focal diagnosis, and to the neuroses, neuropsychoses, and allied conditions less susceptible of clinical demonstration.

Text-books—*Nervous Diseases*, Starr; Church and Petersen; Dana.

DISEASES OF THE SKIN

PROFESSOR ISADORE DYER, Ph. B., M. D.

PROFESSOR HENRY E. MENAGE, M. D.

ASSISTANT PROFESSOR RALPH HOPKINS, M. D.

DISEASES OF THE SKIN

Instruction in skin diseases extends through the third and fourth years. In the third year systematic weekly lectures and quizzes are given. Fourth-year classes are taught practically in the out-door clinics and wards of the Charity Hospital. The class is divided into sections for this work and assigned for three periods per week during which groups of students are made to analyze cases and undergo quizzing by Professors Dyer and Menage. Instruction is also given in the practical therapeutics of skin diseases.

Text-books—Stelwagon.

PEDIATRICS

PROFESSOR LAURENCE RICHARD DE BUYS, B. Sc., M. D.

CLINICAL PROFESSOR ROBERT ALEXANDER STRONG, M. D.

INSTRUCTORS

Dr. Frank James Kinberger

Dr. Maud Loeber

CLINICAL ASSISTANTS

Dr. R. C. Voss

Dr. G. J. DeReyna, Jr.

Dr. G. R. Williamson

Dr. E. F. Naef

Diseases of Children.

The course commences with the third year, is a graded one, and consists of class recitations and conferences on case histories, with ward and out-patient clinics, in addition to the fourth year didactic lectures and Amphitheater clinics.

Third Year Recitations, Quiz Periods and Case Histories

The work of the Junior year will consist in part of two case history studies or quiz periods weekly. The class will be divided into four sub-groups. Case histories are assigned which will require the study of standard text books; the student's grasp of his reading is ascertained by "quizzing," and the instructor elucidates and emphasizes the necessary and important parts of the subjects under discussion.

For the purpose of applying the knowledge thus gained, students will be assigned to service in the **Out-Patient and Ward Clinics** out-door clinics and wards at the Charity Hospital. Students will be graded in their proficiency at each recitation and clinical meeting, and the markings thus established, with first and second term examinations, will be considered in arriving at the students' final grades. This is a preparatory course intended for the fuller development of the clinical and more practical work of the senior year.

Fourth Year
Out-Patient
Ward Clinics and
Milk Station
Small groups of students are detailed in rotation to the milk laboratory, and for ward and out-patient service at the Touro Infirmary. Patients are assigned to students who take histories, examine, diagnose and prescribe under the supervision of the instructor in charge. The several disturbances of nutrition will be considered and this experience in the wards and clinics will give additional notice to the important subject of nutrition in the infant and young child. Cases are discussed and students are expected to follow and study their patients, make house visits and report their observations in class conference.

Bedside Course in Communicable Diseases
Small groups of Fourth Year students will meet twice a week, for five weeks, in the isolation wards of the Charity Hospital. Ample opportunity is offered to observe and follow the progress of diphtheria, scarlet fever, measles, mumps, meningitis, etc. Thorough drilling and quizzing in diagnosis and treatment is the feature of this course.

Clinical Lectures
Sixteen lectures. Clinical lectures given in the Charity Hospital Amphitheater will still further serve to bring to the attention of the entire class the many varied and important ailments common to children; these will be illustrated by selected cases taken from the Hospital wards for this purpose.

Didactic Lectures and Case Histories
In the didactic lectures particular attention will be paid to maternal and artificial feeding of infants in health and in disease and to the various methods of modifying milk, practical demonstrations of which will be given in the laboratory.

Conferences on case histories will occupy an important position in the didactic course, and will be so arranged as to cover much of the

subject of Pediatrics; these histories necessitate reading, study and the presentation of written discussions of the cases.

The system of grading students mentioned in connection with the third year work will be followed in the senior year.

Text Books—Holt; Kerley; Koplik; Carr; Rotch; Cautley; Graham; Fisher; Pfaundler and Schlossmann; Still; Batten, Garrod and Thursfield; Grulee; Morse, Case Histories; Morse & Talbot, Diseases of Nutrition and Infant Feeding; Dunn; Chapin and Pisek; Griffith, Diseases of Infancy and Childhood.

DEPARTMENT OF PATHOLOGY AND BACTERIOLOGY

PROFESSOR CHARLES W. DUVAL, M. A., M. D.

ASSISTANT PROFESSOR M. J. COURET, A. M., M. D.

ASSISTANT PROFESSOR WM. H. HARRIS, A. B., M. D.

ASSISTANT PROFESSOR JOHN A. LANFORD, Ph. G., M. D.

Dr. J. R. D'Aunoy, Instructor in Pathology and Bacteriology.

Dr. A. V. Friedrichs, Instructor in Pathology.

Dr. R. H. Potts, Instructor in Pathology.

Dr. M. P. H. Bowden, Demonstrator in Pathology.

Dr. Aldea Maher, Demonstrator in Pathology.

Second Year The lectures and the laboratory courses in bacteriology and microscopic pathology are conducted in the Richardson Memorial (Tulane Campus), where ample facilities are provided for teaching and research in the laboratory of pathology and bacteriology. The classes receive practical instruction three times a week for three hour periods.

BACTERIOLOGY This course is held in the first and part of the second trimester of the second year and precedes the work in microscopic pathology. The first few weeks of instruction comprise bacteriological methods. The student is instructed in the preparation of culture media, the separation of bacteria, handling and transplanting cultures, technic of staining and other methods of observing the bio-chemical features of micro-organisms. Subsequently the work with the more common pathogenic bacteria follows. These are studied in relation to a given organ or tract; for example, the etiological factors in diseases of the respiratory system are considered before passing on to the causal agents in the diseases of another system. In the latter part of the practical course considerable time is devoted to serological and immunological work. A practical, written and oral examination is held at the end of the session.

MICROSCOPIC PATHOLOGY

The regular course for laboratory instruction in microscopic pathology is given throughout the third trimester and part of the second.

The first weeks of the course are devoted to the study of pathological technic in order that the student may familiarize himself with the various methods of preserving, imbedding, cutting and staining of tissues. Sufficient time is given to the study of methods to insure an intelligent understanding of them. The rest of the session is devoted entirely to instruction in microscopic histo-pathology. During this period microscopic sections already stained and mounted are given out to the students for each day's work. This is augmented with gross lesions removed at autopsy.

An essential feature of the course in microscopic pathology is the lantern demonstration of stained and mounted sections. This preliminary illustration before each laboratory period serves to instruct the class as a whole on the important things in each tissue section and how to proceed with their study. Students are required to make drawings of the microscopical specimens given out during the course.

The course of instruction considers first the general subject of inflammation and retrogressive tissue changes, after which the special lesions are taken up systematically and under separate organs or tracts. At the end of the session there is held a written and practical examination in general and special pathology.

Lectures in Pathology and Bacteriology extend over the entire second year.

Third Year

Gross Pathology.

The instruction on gross Pathology extends over the entire third year of the medical course. The class is divided into small groups of not more than twelve men each for autopsy work three times a week at the Charity Hospital. This instruction is carried on in connection with clinical teaching. Whenever practical, instead of at the Hospital, autopsies will be held at the Hutchinson Memorial, where every facility for holding post-mortems has been provided. Each section of the class is notified when an autopsy is pending and is excused from other work to attend it. The division of the class into small sections makes it possible for each student to take part in the autopsy. The men of a given section are assigned different parts; for example, the head to one, the thorax to another, the abdomen to still another, etc., and under the supervision of the Professor of Pathology and his assistants the post-mortem is actually performed by the students. Supplemental to the study of the gross tissue changes, microscopic sections of the

fresh tissues are examined together with already stained sections of the particular lesion or lesions found at that autopsy. It is required of every third year student that he perform at least three complete autopsies, turning in his report, both gross and microscopic, before the session is over.

Third Year

Surgical Pathology

The course will consist chiefly in the use of gross and microscopic preparations of the more important tumors together with the technic of preserving, cutting and staining tissues for diagnostic purposes. In so far as possible, tumors and other lesions in which precise diagnosis is necessary, will be studied clinically, and the treatment as suggested by histological features discussed. The class will be divided into two sections and the work will extend over the entire third year.

This course is given in collaboration with the Department of Surgery under which heading a more detailed description may be found.

A written and practical examination on general and special Pathology including autopsy technic will be held at the completion of the course.

Fourth year

Experimental Pathology.

Experimental pathology will form the basis of the course which will be taught in the Laboratory of Experimental and Surgical Pathology at the Hutchinson Memorial. Two periods of two hours each will be given weekly. The class will be divided in groups of five (5), and each group will be required to perform the experiments and make daily records of the results.

Among other subjects studied will be the experimental production of acute and chronic inflammation including the granulomata, and the study of all the processes involved. Experimental septicemias, pneumonia, etc.; the transmissibility of neoplasms in fowls, mice, rats, etc. Experimental nephritis, diabetes, arterio-sclerosis and hypertrophy and atrophy of different organs. Attention will also be paid to the various factors influencing immunity and the value of serum diagnosis.

A written and practical examination will be held at the end of the fourth year terms.

Text-Books: *Bacteriology*:—Jordan; Hiss and Zinsser; Muir and Ritchie; Park.

Pathology:—McCallum; Mallory; Adami; Delafield and Prudden; Ribbert; Wells.

DEPARTMENT OF SURGERY

PROFESSOR RUDOLPH MATAS, M. D. (General, Regional and Clinical Surgery).

PROFESSOR HERMANN B. GESSNER, M. D. (Operative Surgery in the Miles Laboratory, and Clinical Surgery).

PROFESSOR JOHN SMYTH, M. D. (Clinical Surgery).

PROFESSOR CARROLL W. ALLEN, M. D. (Clinical Surgery).

PROFESSOR URBAN MAES, M. D. (Clinical Surgery and Miles Laboratory of Operative Surgery.)

PROFESSOR ISIDORE COHN, M. D. (Clinical Surgery).

ASSISTANT PROFESSOR MARION SIMS SOUCHON, M. D. (Clinical Surgery).

ASSISTANT PROFESSOR LUTHER SEXTON, M. D. (Clinical Minor Surgery).

ASSISTANT PROFESSOR LUCIAN H. LANDRY, M. D. (Clinical Surgery and Miles Laboratory of Operative Surgery.

Dr. William M. Perkins, B. Sc., Instructor in Clinical Surgery.

Dr. A. M. Caine, Instructor in Anesthetics.

Dr. H. Leidenheimer, Clinical Assistant in Surgery.

Dr. R. T. Perkins, Clinical Assistant in Surgery.

Dr. R. B. Harrison, Clinical Assistant in Surgery.

Dr. Simon Geismar, Instructor in Clinical Surgery.

Dr. A. F. Hebert, Instructor in Clinical Surgery.

Dr. E. L. Leckert, Clinical Assistant in Surgery.

Dr. P. G. Lacroix, B. Sc., Demonstrator in charge of the Laboratory of Minor Surgery.

Dr. M. Bradburn, B. Sc., Assistant Demonstrator of Operative Surgery.

Dr. O. C. Cassegrain, Clinical Assistant in Surgery.

Dr. Emile Bloch, Clinical Assistant in Surgery.

Dr. I. M. Gage, Clinical Assistant in Surgery.

Dr. L. Blumberg, Clinical Assistant in Surgery.

Dr. E. L. Faust, Clinical Assistant in Surgery.

Dr. A. D. Mouledous, Ph. G., Clinical Assistant in Surgery.

Dr. James D. Rives, Clinical Assistant in Surgery.

In the Hutchinson Laboratory of Surgical Pathology.

Collaborating with the Department of Surgery.

PROFESSOR CHAS. W. DUVAL, M. D.

ASSISTANT PROFESSOR M. J. COURET, M. D.

ASSISTANT PROFESSOR J. A. LANFORD, M. D.

Dr. R. H. Potts, Instructor.

The division of Surgery is composed of the Departments of Surgery, Clinical Surgery, Orthopedic Surgery, Surgical Pathology, Operative Surgery, Minor Surgery, Genito-Urinary Surgery.

SURGERY

In the second year, a course is given by Dr. P. G. Lacroix, in the laboratory of Minor Surgery at the Richardson Memorial Building, Tulane Campus.

Laboratory of Minor Surgery. This laboratory was first organized and equipped by Professor Matas in 1901 and was designed to give "First Aid," and a course of systematic demonstrations and individual exercises in Minor Surgical procedures. The aim of the course will be : (1) to prepare the student by manual training and personal experience in bandaging, plaster technic and fundamental procedures of minor surgery included in "First Aid" to the injured and emergencies; (2) to utilize the facts of Anatomy and Physiology acquired in the first two years, in their elementary surgical application.

Second Year. In the first part of the course, bandaging will be taught, including demonstrations on the principles involved in the application of the roller bandage, plaster of Paris, adhesive plaster, the tourniquet and the handkerchief bandage. Opportunity is given for individual work in the preparation and application of these bandages.

Instruction is given on the following phases of First Aid—The simple methods of artificial respiration, transportation of the injured and wounded, first aid in fractures, hemorrhage, etc., such as is expected of a member of the hospital corps of the U. S. Army or Red Cross Service.

Practical training in these methods follows the instruction.

The second part of the course will be given largely to demonstrations on the fundamentals of fractures, dislocations, asepsis and antisepsis, hemorrhage, circulatory failure, respiratory failure, shock and anesthesia.

Third Year **Clinical Minor Surgery** (Outdoor clinics; ward work; amphitheater).

General Surgery or Principles of Surgery. (Hospital and Hutchinson Memorial).

The first contact of the student with the sick and injured occurs in this year. All the previous work in this department is intended to prepare the student to appreciate the great opportunities for clinical observation which are now offered him at the Charity Hospital.

The course of Clinical Minor Surgery is conducted by Prof. Luther Sexton and his assistants in the out-clinics of the Charity Hospital. This course is supplemented by lectures, quizzes and demonstrations given at the Hospital and at the Hutchinson Memorial.

Another division of the class is subdivided into clinical groups guided by Professors Allen, Maes and Landry, who utilize the time allotted to the class by giving instruction in surgical technic in the operating room and at the bedside in diagnosis, prognosis, post-operative treatment and in the proper observations for recording surgical cases. These instructors operate before the class in the Miles Amphitheater or in the Delgado Memorial according to their assignments. Quizzes are a particular feature of this course.

The second part of the course will be given largely to demonstrations on the fundamentals of fractures, and particular attention will be paid to anatomic considerations involved in fractures and dislocations. Demonstrations on the cadaver and lantern slides covering fractures and dislocations will be given in the course.

Class Lectures A systematic course of lectures and demonstrations on General Surgery and the Principles of Surgery is given at the Hutchinson Building by Professor Matas on Tuesdays and Wednesdays. Frequent quizzes are held throughout the session, in addition to two volunteer written examinations (Mid-winter and Spring), to review the progress accomplished during the course.

Clinical lectures are given at the Charity Hospital by Professor Matas on Mondays, Thursdays and Saturdays. Mondays and Saturdays are the chief operating days and operative clinics will be held in the Miles Amphitheater or in the "Matas Operating Room" of the Delgado Memorial. The Thursday clinics will be held in the Miles Amphitheater as hitherto and will be devoted to the exhibition of post-operative results and the diagnosis and prognosis of new cases.

Fourth Year **Clinical Surgery** (in the amphitheater and in the wards); **Operative Surgery.**

Regional Surgery. Clinical instruction is given to sections of the class in the wards at the bedside and in the amphitheater by Professors Matas, Gessner, Smyth, Allen, Maes and Landry, who will devote special attention to diagnosis, prognosis, the principles of surgical technic, post-operative treatment, etc., as applied to the various regions. The opportunity is given students to assist in the administration of anesthetics and in the post-operative dressings. A systematic course in regional surgery is given by Professor Matas and associate teachers which is illustrated by lantern slides and the Thompson

opaque projector. The clinical demonstrations and lectures given in the amphitheater of the hospital on Mondays, Thursdays and Saturdays are especially intended for the benefit of the senior class, with the exception of the Thursday lecture at which both the Junior and Senior classes are expected to be present. Small groups visit Touro Infirmary on stated days for instruction by Prof. Cohn in bone pathology and in the management of fractures and dislocations, and by Prof. Souchon at the Hotel Dieu, in clinical surgery.

Anesthesia Special instruction and demonstrations in methods of general anesthesia will be given every week by Dr. Ansel M. Caine, at the Surgical Clinics and before class sections assigned to this division.

Surgical Pathology Four hours a week in the Laboratory of Surgical and Experimental Pathology in the Hutchinson Memorial will be given for the demonstration of fresh surgical specimens, gross and microscopic; the repair of wounds of the various tissues, bones, vessels, nerves, tendons, etc.; the specific infections and surgical lesions of the several tissue systems, lymphatics, joints, bones, etc., surgical lesions of the thyroid, mammary and salivary glands; of the digestive tract; of the urinary and genital tract.

The various pathological lesions amenable to surgical interference, such as inflammatory tissues and neoplasms will be systematically studied by means of microscopic sections, lantern slides, opaque projections, fresh and museum specimens.

Conjointly with this course, demonstration will be made by lectures and lantern slides, of the different steps in the process of inflammation and repair in the various tissues and organs; the study of neoplasms in fowls and animals. and a comparison of these with tumors of the same type from the human subject.

These courses will be conducted by Professor Duval and assistants, conjointly with the course of surgery.

TOURO INFIRMARY During the fourth year, sections of the class are regularly assigned to the Surgical Clinics, held at the Touro Infirmary on Fridays, from 8:30 A. M. to 10:45 A. M. The large number, variety and importance of the cases operated upon at the Clinic by Professor Matas, assisted by Professors Gessner and L. H. Landry and Dr. R. E. Stone, and the members of the resident staff, should make these Friday clinics especially attractive to advanced students and to graduates.

The out-door Surgical Clinic of the free department of this Institution cared for over 8,300 patients during the last year. The admirable opportunities offered for practical observation of the more frequent surgical accidents and diseases make this clinic especially valuable and instructive to the student. Professor Cohn and Dr. R. E. Stone, who are in charge, will always provide ample opportunities for individual work to all advanced students who may apply for regular attendance, during the Winter and Summer terms.

HOTEL DIEU By special arrangement with Professor Souchon, sections of the senior class will be regularly assigned to his service in this institution where excellent opportunities are offered for instruction in surgical technic, diagnosis, and post operative treatment.

OPERATIVE SURGERY *The Miles Laboratory of Operative Surgery* is in charge of Professor Gessner, assisted by Professors Maes and Landry and Drs. S. Geismar and Bradburn. In this course the laboratory work proper is preceded by a recitation on subjects previously assigned, with elaboration by the instructor and lantern slide illustrations. The operative work is done by the students exclusively, under supervision of the demonstrators. The entire field of general operative surgery is covered, the aim being to fit students for the operative work in general practice. Ample opportunity for experimental work is provided. Students are assigned in limited sections so as to emphasize the subjects taught through individual attention. The class of the fourth year is divided into sections, each covering a laboratory period of fifteen weeks.

Text-books—Second Year: Laboratory Notes. Doty, Pilcher, Lynch. Scudder and Cotton on Fractures.

Third Year: *General Surgery and Minor Surgery*—Prof. Matas' Syllabus for Junior Class; DaCosta (8th Edition, 1919); Ashurst (1914); Rose & Carless; McGuire. *Surgical Pathology*; Mallory; Adami; Laboratory Notes.

Fourth Year: *Regional Surgery*—Prof. Matas' Syllabus for Senior Class; Mumford and texts referred to under general surgery. For general reference, Keen's System of Surgery. *Operative Surgery*—Prof. Gessner's notes; Bickham; Binnie (Fifth edition); for general reference, Burghard.

ORTHOPEDICS AND SURGICAL DISEASES OF CHILDREN

PROFESSOR E. D. FENNER, A. B., M. D.

ASSISTANT PROFESSOR P. A. McILHENNY, M. D.

Dr. L. C. Spencer, B. Sc., Instructor.

Dr. G. K. Logan, Clinical Assistant.

It will be the aim of this department to teach as fully as the material to be obtained from the clinics and wards will permit by bringing the student in close contact with the actual cases. Every effort will be made to emphasize practical diagnosis and treatment of the affections included under orthopedic surgery, and to point out the special features of the surgery of childhood, and in particular those affections which are peculiar to early life. The demonstration of cases in the wards, clinics, and operating room will be supplemented by didactic lectures, fully illustrated by lantern slides, and by quizzes during the progress of the course.

Text-books—Bradford & Lovett or Thorndyke. For reference: Tubby; Whitman.

GENITO-URINARY AND VENEREAL DISEASES

PROFESSOR JOSEPH HUME, Ph. B., M. D.

ASSISTANT PROFESSOR H. J. LINDNER, M. D.

Dr. John G. Pratt, Clinical Assistant.

The course in Genito-Urinary and Venereal Diseases is in charge of Prof. Joseph Hume, who arranges the practical teaching of the branch. Students of the third year are assigned to numerous cases, for personal practice in the examination of patients, passage of sounds, in irrigation methods, etc. The class is divided into sections of limited numbers, to facilitate the teaching, conducted three days of each week in the out-door male clinic.

In weekly general class lectures, Prof. Hume takes up in sequence the anatomy and physiology of the male genito-urinary tract, the diseases of the urethra, prostate, seminal vesicles, bladder, and kidneys, with special lectures on stricture, urinary fever and prostatic hypertrophy. Chancroid and its complications, sexual neuroses and syphilis are also discussed.

Text, books—*Genito-Urinary and Venereal Diseases*—White and Martin; Keyes; Watson and Cunningham; Guiteras, Chetwood. *Syphilis*—Keyes, Lambkin; Marshall.

OPHTHALMOLOGY

PROFESSOR MARCUS FEINGOLD, M. D.

CLINICAL PROFESSOR VICTOR C. SMITH, M. D.

ASSISTANT PROFESSOR CHARLES H. BAHN, M. D.

Dr. Henry N. Blum, Instructor.

Dr. R. A. Davis, Clinical Assistant.

DISEASES OF THE EYE

Clinical instruction in diseases of the eye is given during the fourth year, at the close of which an examination is held. In order to prepare the student for this a review in the anatomy and physiology of the eye followed by instruction in errors of refraction is given during the third year. At the close of these lectures a written examination is held.

For clinical instruction, patients from the out-clinics and wards of the Charity Hospital are brought before sections of the class. The material is used to present practically all diseases of the eye of prime importance to the future practitioner. Differential diagnosis, prophylaxis and treatment are emphasized. The important symptom complex of eye-strain is demonstrated through the minute examination of patients and their histories and by following up cases treated.

External affections of the eye are demonstrated and students are trained in the examination of patients, by allotting cases to students for personal examination. The anatomical and pathological features are especially discussed and illustrative plates, etc., are used in elucidation.

Opportunity is given to acquire familiarity with the use of the ophthalmoscope and its application.

The weekly lectures in the amphitheater are made use of in order to demonstrate the clinical symptoms in groups of cases, to show the progress of the disease in cases already demonstrated, and to give small groups of students a chance to see eye operations at close range.

In weekly seminary quizzes at the Hutchinson Memorial a systematic review of the diseases of the eye and especially in their relationship to diseases of other organs will be held, utilizing books, plates, pictures and specimens in illustration of the subject discussed.

Text-books—Fuchs; Haab; DeSchweinitz; Nettleship; Roosa and Davis; Gould and Pyle; Henderson; Hansell and Sweet; Fox; May.

OTOLOGY, RHINOLOGY, AND LARYNGOLOGY

PROFESSOR STEPHEN MERTLE BLACKSHEAR, M. D.

PROFESSOR JAMES PHARES O'KELLEY, M. D.

Dr. J. R. Hume, Instructor.

Dr. J. J. Irwin, Clinical Assistant.

Dr. P. E. Werlein, Clinical Assistant.

Dr. W. R. Buffington, Clinical Assistant.

DISEASES OF THE EAR, NOSE and THROAT

The student will be familiarized with the various instruments necessary for the early recognition of the diseases of the ear, nose, and throat, and this will be done in a practical way. To this end students should be provided with head mirror, two laryngeal mirrors, tongue depressor, speculums for the ear and for the nose.

Students will be given every opportunity for practical education in this department by assisting in the various and frequent operative procedures. They will come in personal contact with patients presenting the diseases in which the early diagnosis and proper treatment have become a matter of paramount importance to the general practitioner.

Every effort will be made to so equip the members of the class that they will be able to recognize the diseases of this department in a manner that will give them conviction; and that can only be done by specially training the eye and the touch.

The teachers of this branch will conduct clinical quizzes with the examination and treatment of the patient as a part of the routine.

Text-books—*Diseases of the Ear*—Politzer; McKernon; Dench; Ballenger; Gleason. *Diseases of the Nose and Throat*—Ballenger; Kyle; Phillips; Coolidge.

DEPARTMENT OF GYNECOLOGY

PROFESSOR S. M. D. CLARK, B. Sc., M. D.

PROFESSOR C. JEFF. MILLER, M. D. (Clinical Gynecology.)

Dr. John F. Dicks, Lecturer and Instructor.

Dr. W. O'D. Jones, Clinical Instructor.

Dr. P. Graffagnino, Assistant Instructor.

Dr. A. H. Gladden, jr., Clinical Assistant.

GYNECOLOGY

The work in this department begins with the third year. The course is essentially practical. Instruction is given primarily, by clinical conferences; secondarily, through didactic work.

Third Year One hour a week, gynecological pathology is taught by an instructor from this Department. This preliminary course in pathology gives the student a better insight and understanding of the teaching in the out-door clinic.

Clinical conferences are conducted three times a week in the out-door clinics. The section assigned is divided into three sub-groups, each group being under an instructor, thereby assuring a small number of students to each teacher and, secondly, enabling the student to make the necessary gynecological examinations. In the Gynecological Department of the Charity Hospital the student enjoys unique clinical opportunities. The clinic is richly endowed with material, and further, it is possible to bring the student in direct contact with the cases.

A quiz is conducted once a week. The class is grouped into three divisions, each division being assigned an instructor. A standard text-book is employed, and in this quiz the ground work of gynecology is thoroughly discussed.

Fourth Year Three operative clinics are held weekly at the Charity Hospital. Most of the cases operated upon are previously examined and worked out by members of the assigned section. Associated with this operative clinic is a demonstration of the pathological specimens, the macroscopical pathology being discussed; subjective symptoms and pathological findings correlated, and sections of specimens assigned to members of the class for microscopical examination. At selected times the class is taken through the gynecological wards, where clinical conferences are held and the post-operative treatment of cases discussed.

A course in operative gynecology on the cadaver is given so as to equip the student to properly follow and comprehend the work in the regular operative clinics.

Once a week Professor E. S. Lewis (*Emeritus*), conducts an exhibit diagnostic clinic; assigned students examine patients, and special stress is laid on the points of differential diagnosis.

One hour a week a graded course is given. Lantern slides are freely employed, graphically illustrating the lecture subject.

Text-books—Dudley; Bandler; Kelly; Polak; Graves.

DEPARTMENT OF OBSTETRICS

PROFESSOR C. JEFF. MILLER, M. D.

PROFESSOR S. M. D. CLARK, B. Sc., M. D. (Clinical Obstetrics).

PROFESSOR J. W. NEWMAN, Ph. D., M. D. (Clinical Obstetrics).

Dr. E. D. Friedrichs, Instructor.

Dr. E. L. King, Instructor.

Dr. Hilliard E. Miller, Instructor.

Dr. J. S. Hebert, Instructor.

Dr. H. V. Sims, Clinical Assistant.

Dr. Walter E. Levy, Clinical Assistant.

Instruction in this branch will consist of didactic lectures, clinical demonstrations, lantern slide exhibitions, bedside instruction, and the attendance upon patients in their homes during confinement.

Third Year The course begins with the third year. One hour a week is devoted to lectures, or quizzes, upon the elements of obstetrics, the physiology of pregnancy, pelvimetry and the conduct of normal labor. Four hours a week are devoted to the clinical study of cases in the maternity service and outdoor clinic of the Charity Hospital.

The classes are divided into small sections, in order that every student may be given individual instruction in diagnosis, pelvimetry, the mechanism of labor, and the care of the lying-in woman. Students are summoned to witness deliveries in the obstetrical wards of Charity Hospital and Touro Infirmary.

Fourth Year One hour a week is devoted to didactic lectures, demonstrations, or clinical reviews of the various phases of pathologic pregnancy, labor and the puerperium. Four hours a week are devoted to bedside observations in the obstetric wards.

Out-Patient Department: In addition to the large amount of clinical material available in the clinics and obstetric wards of the Charity Hospital, students now have access to the maternity service of Touro Infirmary and to the outdoor service of the Lying-In Hospital. The latter service offers exceptional opportunities for senior students to deliver patients in their homes under the direction of competent instructors.

Each student is required to witness at least ten cases of labor before graduation.

Text-books—Williams; Cragin; De Lee; Edgar; Polak; Hirst,

HYGIENE

PROFESSOR WILLIAM HENRY SEEMANN, M. D.

PROFESSOR OSCAR DOWLING, M. D.

Dr. L. C. Scott, Instructor.

Mr. Cassius L. Clay, Assistant Instructor.

The work in this department will be carried out throughout the Junior year, and will embrace one general lecture each week and three laboratory periods each week of two hours each throughout the session.

The general lectures will give a resumé of the most recent views of the various diseases which are considered preventable. These will be considered in classes as relating to the method of their spread and control.

The various aspects of food examinations, milk, water, soil and sewage analyses, disinfection, insects and animal parasitology in relation to Public Health Administration will be considered in sufficient detail to give the students a comprehensive grasp of the subject and will lay a sufficient foundation for more advanced studies.

Occupational diseases will receive especial attention, and lectures will be supplemented by visits to industrial establishments for a practical study of the subject.

Vital Statistics will be thoroughly explained and their practical application will be studied by the students during visits to the departments of the Board of Health.

The question of so-called Social Hygiene, including a study of the methods for the control of venereal diseases, on account of its prominence and importance, will receive thorough consideration, as well as the Narcotic question, as an important subject in Public Health Administration.

In the laboratory, standard methods of examination of material will be demonstrated, including inspection work and the proper collection of material. Such aspects of immunity as are necessary to the proper carrying out of serological and other tests done in health laboratories, will be considered in detail.

Text-books—Bergey, *Practical Hygiene*; Rosenow, *Hygiene and Preventive Medicine*.

MEDICAL JURISPRUDENCE AND TOXICOLOGY

PROFESSOR _____

Mr. Nicholas Callan, LL. B., Instructor.

_____ Instructor.

In this course the general relations of medicine to law are discussed, and the duties and rights of the medical expert as a witness, and advice given as to how he should conduct himself, with a study of the poisons most commonly needing attention, in their chemical and physiological aspects.

It is projected that hereafter this course shall be extended by special lectures from the teachers in the several departments as their subjects may be related to Legal Medicine.

Examinations are held at the end of the course (*Fourth Year*) and the questions are to be based on the lectures by the members of the Faculty giving the course.

Medical Jurisprudence—Reese; Herold; Draper's *Legal Medicine*.

Reference Reading—Witthaus and Becker's *Medical Jurisprudence*. Peterson and Haines' *Legal Medicine and Toxicology*.

CATALOG OF STUDENTS

1919-1920

COLLEGE OF MEDICINE SCHOOL OF MEDICINE

1 Partial-course students.

2 Special students.

FOURTH YEAR CLASS

(INCLUDING GRADUATE STUDENTS).

CLASS OF 1920

| | |
|--|--------------|
| Adam, Alfred Louis | Louisiana |
| Adams, Fred (B. Sc.) | Texas |
| Allen, William Oscar | Louisiana |
| Armstrong, Eugene Lawson | Louisiana |
| Battalora, George Clarence | Louisiana |
| Bennett, Terry Lee | Louisiana |
| Birchett, John Alexander Klein, Jr. | Mississippi |
| Blackmar, Francis Burton | Georgia |
| Blincoe, Homer Raymond (A. B., M. Sc.) | Kansas |
| Boulet, Irwin James | Louisiana |
| Bowlin, Robert Leslie | Mississippi |
| Brown, Charles Lafayette | Texas |
| Bruner, Joseph Clyde (A. B.) | Louisiana |
| Brunot, Felix Reville | Pennsylvania |
| Burkhead, Jesse DeWitt | Alabama |
| Carter, John Hardin | Florida |
| Childress, Harmon Jay (M. D.) | Texas |
| Christoffer, Oscar Theodore | Texas |
| Colomb, Brooks Amedée | Louisiana |
| Davidson, Julius Meyer | Mississippi |
| Delahoussaye, Roy Edward (B. Sc.) | Louisiana |
| Dieffenbach, Nevin J. (B. Sc.) | Oklahoma |
| Fears, Thaddeus Alvin | Texas |
| Field, Richard Jennings | Mississippi |
| Field, Sam Eugene | Mississippi |
| Folse, Henry Arthur (A. B.) | Louisiana |
| French, Harry Joseph | Louisiana |
| Frère, John Marsh | Louisiana |
| Gallo, Frank | Louisiana |

| | |
|-------------------------------------|----------------|
| Gardiner, Walter Peters (B. Sc.) | Louisiana |
| Garrett, Ephraim Spencer, Jr. | Alabama |
| Gilder, Wayne (A. B.) | Alabama |
| Gladney, John Davidson | Louisiana |
| Gooch, Lewis Melvin | Texas |
| Granata, Sam Vincent | Louisiana |
| Granberry, Carl Ellis (B. Sc.) | Mississippi |
| Gravlee, Ike Marion | Mississippi |
| Harlan, William Jay (M. D.) | Texas |
| Hawthorne, Julian | Louisiana |
| Hayes, William McLeod (M. D.) | Louisiana |
| Heath, Guy Wilkerson | Alabama |
| Hobson, Sam, Jr. | Mississippi |
| Hoffman, James Mortimer (A. B.) | Louisiana |
| Howell, James Ernest (B. Sc.) | North Carolina |
| Huggins, Isaac Clifton | Mississippi |
| Humber, John Davis (B. Sc.) | North Carolina |
| Jaeggli, Sam | Texas |
| Jaubert, Francis Leon | Louisiana |
| Johnson, Clifford Uriah | Louisiana |
| Jones, Curtis Whittemore | Arkansas |
| Jones, Philip Harold, Jr., (A. B.) | Louisiana |
| Jung, Theodore August, Jr., (A. B.) | Louisiana |
| Kerlin, Douglas Ledbetter | Louisiana |
| Kittrell, John Moore | Mississippi |
| LeJeune, Francis Ernest (B. Sc.) | Louisiana |
| Linfield, Edwin Harper | Mississippi |
| Long, Louis Bernard (A. B.) | Florida |
| Love, Thomas Stafford | Texas |
| McAdoo, Hosea Webster | Arkansas |
| Marsalis, Don S. | Louisiana |
| Matthews, Edgar Stanley (M. D.) | Louisiana |
| Miller, Martin Owen | Louisiana |
| Milner, Robert Michael (M. D.) | Texas |
| Moore, John Morgan | Texas |
| Morgan, Albert Reynauld (A. B.) | Louisiana |
| Moseley, Sam Olliphant (A. B.) | Alabama |
| Moss, Olin Winn | Louisiana |
| Ogden, Hilaire D., Jr. | Louisiana |
| Rateau, Jules Brunet (Gr. Pharm.) | Louisiana |
| Rigby, Owen Compton | Mississippi |

| | |
|-----------------------------------|-------------|
| Rozier, Lauchlin McKinnon (A. B.) | Alabama |
| Sapp, Monroe Clayton (M. D.) | Texas |
| Savoy, Frank | Louisiana |
| Sparks, Thomas Plewman, Jr. | Mississippi |
| Stafford, Hollis Ancil | Louisiana |
| Stiles, James Hooper | Texas |
| Taylor, James Leslie, Jr. | Alabama |
| Thorpe, Eugene Davis (A. B.) | Florida |
| Tisdale, Alfred Dent (B. Sc.) | Mississippi |
| Turnage, Early Braxton | Mississippi |
| Unsworth, Herbert Randolph | Louisiana |
| Vaughan, James Bryon (M. D.) | Louisiana |
| Walton, Charles Roscoe | Arkansas |
| Wagner, William Alfred | Louisiana |
| Whiteside, Maurice Scarbrough | Alabama |
| Whitfield, Bryan Watkins (B. Sc.) | Alabama |
| Wichser, Clarence John (B. Sc.) | Louisiana |
| Williamson, Milton Wyatt | Georgia |
| Wills, John Walter (M. D.) | Mississippi |
| Wilson, Frank Cunningham (B. Sc.) | Alabama |
| Woodruff, Gerald Guinness (A. B.) | Alabama |
| Woodward, Sam Bee (B. Sc.) | Mississippi |
| Wright, Roy William | Louisiana |
| York, Marion Nicholas | Arkansas |
| Zander, Edwin Lionel Joseph | Louisiana |

THIRD YEAR STUDENTS, CLASS OF 1921

| | |
|---|----------------|
| Altman, Harry (A. B.) | Colorado |
| Anderson, Livingston Frank William (B. Sc.) | Louisiana |
| Anderson, Thomas Jefferson (A. B.) | Alabama |
| Armstrong, Jonathan Jesse, Jr. (B. Sc.) | Mississippi |
| Avent, James Kirl (Pharm. G.) | Mississippi |
| Axelrod, Alexander | Texas |
| Aycock, Roy Everett (A. B.) | Louisiana |
| Baratta, Achille Frank | New York |
| Barfield, (Miss) Melson (B. Sc.) | Alabama |
| Bennett, Marion Horton | Texas |
| Bienvenu, Lionel Joseph, Jr., (B. Sc.) | Louisiana |
| Biggart, James Flimen | Mississippi |
| Blanchard, Felix Anthony (B. Sc.) | Louisiana |
| Boggan, Jeff Mitchener (B. Sc.) | Mississippi |
| Booth, James Henry Ray (B. Sc.) | North Carolina |

| | |
|---|----------------|
| Brewster, Walter Rogers (A. B.) | Louisiana |
| Calhoun, Samuel Leslie | Louisiana |
| Campbell, Earl Roy (A. B.) | Alabama |
| Carter, James Johnston (B. Sc.) | Mississippi |
| Cassity, Jack Holland | Texas |
| Cleveland, Claude Mastin | Alabama |
| Cohen, Joseph | New York |
| Coleman, Denzil | Florida |
| Cox, Charles Lynwood | Mississippi |
| Croce, Joseph | New York |
| Cruthirds, Archie Edward (A. B.) | Louisiana |
| Crutsinger, Paul | Texas |
| Davis, James Buchanan | Mississippi |
| Dees, (Miss) Marie Byrd (A. B., B. Sc.) | Mississippi |
| Dismuke, (Miss) Lily Lyle (A. B.) | Georgia |
| Drouin, (Miss) Ethel Marie | Louisiana |
| Durfey, Allan Percy, Jr. (B. Sc.) | Mississippi |
| Elder, Samuel Fletcher (A. B.) | Louisiana |
| Estévez, Rafael | Arizona |
| Fleetwood, Joseph Anderton (B. Sc.) | North Carolina |
| Frobisher, Hamilton | New Jersey |
| Gallaway, Edgar (A. B.) | Louisiana |
| Garcia Herminio Dámaso | Porto Rico |
| Giglio, Alphonsus Salvatore Vincent | New Jersey |
| Gilmer, Peachy Robert | Louisiana |
| Grayson, William Bandy | Arkansas |
| Griffin, James McArthur | Alabama |
| Harris, Earl (Pharm. Chem.) | Texas |
| Harris, Homer Perseius | Alabama |
| Harvey, Altus Buren (B. Sc.) | Mississippi |
| Hawkins, Josiah Edwin | Louisiana |
| Howell, John Valentine, Jr. | Alabama |
| Ingram, George Hartwell | Alabama |
| Jackson, Roscoe Davidson | Arkansas |
| Killinger, William Elbert A. B.) | Virginia |
| Landau, Henry Morrison | New York |
| Lescale, Charles Maurice (B. Sc.) | Louisiana |
| Lewis, Charles Franklin (B. Sc.) | Alabama |
| Littell, Robert Moses, Jr. | Louisiana |
| Lloyd, William Kiddoo (A. B.) | Alabama |
| Lutterloh, Charles Hartzell | Arkansas |

| | |
|---|----------------|
| Lyle, Judge Matthew, Jr. | Texas |
| McIntosh, Stuckey Fleetwood (Pharm. G.) | Florida |
| McMahon, Rhett Gustavus | Louisiana |
| McNamara, William Lawrence | South Dakota |
| Macheca, Henry Austin | Louisiana |
| Magee, Henry Cone (A. B.) | Texas |
| Martin, Walter Simeon | Texas |
| Martorell, Abelardo | Florida |
| May, William Ross | Mississippi |
| Mellard, Thomas Reed (B. Sc.) | Mississippi |
| Miller, Harold Avery (B. Sc.) | Louisiana |
| Mitchell, Joseph Edgar (B. Sc.) | Texas |
| Mixson, Harold Joyce | Florida |
| Mouton, Carroll Joseph (B. Sc.) | Louisiana |
| Neely, John William | Texas |
| Peon, Ignacio Enrique | Mexico |
| Phillips, Stonewall Jackson | Louisiana |
| Pool, Robert McCaughrin (A. B.) | South Carolina |
| Prieto, Luis Charles | Panama |
| Proctor, David Perry | Arkansas |
| Puckett, Forest | Texas |
| Quinn, Harold Joseph | Louisiana |
| Robbins, Isidore Leon | Louisiana |
| Rodick, John Clement | Louisiana |
| Russell, Daniell Abell | Texas |
| Sanderlin, Joe Herman | Arkansas |
| Sanders, John T. | Alabama |
| Scardaccione, Michael | New York |
| Scott, Leroy Havard (A. B.) | Louisiana |
| Sherman, Berthold Adolph | New York |
| Simpson, Wiley Terrell | Alabama |
| Smith, Arthur Leroy | Arkansas |
| Smith, John Murry (B. Sc.) | Mississippi |
| Socola, Edwin August | Louisiana |
| Sperling, Jack | New York |
| Sternberg, Samuel | Louisiana |
| Tanzer, Milton (A. B.) | New York |
| Teague, Samuel Edward (B. Sc.) | North Carolina |
| Thomas, Joab Langston (B. Sc.) | Alabama |
| Tow, Abraham | New York |
| Ussery, Claudius Jackson (A. B.) | Alabama |

| | |
|--------------------------------|-------------|
| Vidrine, Arthur (A. B.) | Louisiana |
| Walker, William White (B. Sc.) | Mississippi |
| Weiss, Abram | Louisiana |
| Weitzman, Charles Colman | New York |
| Wilber, Arthur Boynton (A. B.) | New York |
| Wilson, Thomas B. | Mississippi |
| Young, Robert Jackson (B. Sc.) | Louisiana |

SECOND-YEAR STUDENTS, CLASS OF 1922

| | |
|--|-------------|
| Abbott, Charles Edward, Jr., | Alabama |
| Aucoin, Albert Frank | Louisiana |
| Bell, Justin Edward (A. B.) | Louisiana |
| Boals, Elmer Harris | Arkansas |
| Bookout, Bertram Eggleston | Mississippi |
| Brannon, Robert Mitchell | Mississippi |
| Britt, Otis Winfield | Alabama |
| Burke, Francis Marion | Texas |
| Butler, Hull Wesley (Pharm. B.) | Indiana |
| Carlisle, James Leo | Alabama |
| Cato, Frank Lee, Jr. | Georgia |
| Coats, Henry Nunnelee | Arkansas |
| Crockett, John Augustus | Texas |
| Dirmann, Florau William, Jr., | Louisiana |
| Dodd, Robert Lapsley | Mississippi |
| Duffy, Morris James | Louisiana |
| Ernst, Harold Oliver | Louisiana |
| Farmer, Harry Reed | Mississippi |
| Gaudet, James Amedeé, Jr. | Louisiana |
| Gillespy, Robert Rose | Alabama |
| Goorwitch, (Miss) Mary | Russia |
| Gordon, Robert Lionel | Louisiana |
| Grant, George Bass | Texas |
| Haller, Edwin Nicholas | Alabama |
| Harrell, Forrest Worth | Louisiana |
| Hinton, (Miss) Helen Elizabeth (A. B.) | Mississippi |
| Johnson, Charles Isaac (B. Sc.) | Alabama |
| Johnson, Paul Earnal | Arkansas |
| Jones, Edley Hicks (B. Sc.) | Mississippi |
| Jones, James Earl | Texas |
| Jones, William Ellie (B. Sc.) | Alabama |
| Kennary, Pearley Dressor | Texas |
| McBride, William McGinty | Louisiana |

| | |
|---------------------------------------|-------------|
| Martinez, Diego Benigno | Louisiana |
| Merilh, Edmond Louis (B. Sc.) | Louisiana |
| Moseley, Earnest Earle | Georgia |
| Palmieri, Italo Americus | New York |
| Patton, Marion Löffton | Tennessee |
| Pitts, Wilton Grady | Mississippi |
| Rocquet, (Miss) Corinne Marie (A. B.) | Louisiana |
| Russell, Richard Olney | Alabama |
| Sanders, Lancelot Mathews | Alabama |
| Savage, (Miss) Kate (B. Sc.) | Tennessee |
| Seal, Herman | Alabama |
| Setzler, George Byron (B. Sc.) | Arkansas |
| Southard, Jefferson Sherlock (A. B.) | Arkansas |
| Stillman, William King, Jr. | Georgia |
| Terrell, Ernest Pierce (A. B.) | Arkansas |
| Townsend, Ernest Witt (A. B.) | Arkansas |
| Wagner, Richard | Louisiana |
| Wainwright, Samuel Patrick | Alabama |
| Warner, Clyde Moore | Texas |
| Weiler, Ralph | New York |
| Whitaker, James Ezekiel (B. L.) | Alabama |
| Williams, Hiram Joseph | Georgia |
| Willis, Walter Lafayette | Mississippi |

STUDENTS OF FIRST YEAR, CLASS OF 1923

| | |
|---------------------------------------|----------------|
| Alexander, Joseph Carl (A. B.) | North Carolina |
| Allen, Edgar Henry | Texas |
| Allen, John Calvin | Texas |
| Alsobrook, Henry Bernis | Arkansas |
| Ball, Charles Joseph | Louisiana |
| Baron, James Joseph (A. B.) | Louisiana |
| Barrett, (Miss) Clara Binns (A. B.) | Georgia |
| Battalora, Harold Joseph | Louisiana |
| Baylis, George Benjamin, Jr. | Mississippi |
| Bienvenu, Oscar Joseph (B. Sc.) | Louisiana |
| Biles, (Miss) Sethelle Phedre (A. B.) | Mississippi |
| Brown, Garland Greene | North Carolina |
| Burditt, Jesse Newton | Texas |
| Campagna, Maurice | Louisiana |
| Carter, Clarence Strouse | Louisiana |
| Cocchiara, Peter | Louisiana |
| Colclough, John Ashby (B. Sc.) | South Carolina |

| | |
|--|----------------|
| Colomb, Henry Octave | Louisiana |
| Cook, William Hays | Louisiana |
| Davison, Emile Arthur | Louisiana |
| DeMerritt, Frederick Evermann | Florida |
| Denman, Byford Harney | Texas |
| Devron, Cyril Gustavus | Louisiana |
| Dixon, William McMaster | Louisiana |
| Donaldson, Pierre Armand | Louisiana |
| Dyar, James Peryno | Louisiana |
| Edwards, Ellis Hewitt | Alabama |
| Evans, John Rufus (Pharm. G.) | Georgia |
| Farley, Dyer Jackson (A. B.) | Alabama |
| Fitzgerald, Willard Lee | Alabama |
| Frizzell, Thomas Paul, Jr. (A. B.) | Texas |
| Fung y Figueroa, Atilio | Peru |
| Garrett, George Gray | Alabama |
| Gill, Euclid Borland | Louisiana |
| Girard, Percy Merritt | Louisiana |
| Gordon, William Hendon (B. Sc.) | Alabama |
| Gremillion, Leonard Drouin (A. B.) | Louisiana |
| Ham, (Miss) Goldie Suttle (A. B.) | Mississippi |
| Hargrove, Marion Douglas | Louisiana |
| Hart, John Alexander | Texas |
| Henderson, Roy Earl | Texas |
| Horn, Joseph Robert, Jr. | Alabama |
| Huckabay (Mrs.) Sara Edna (A. B.) | Louisiana |
| Hunt, Marcus Crew | Alabama |
| Irwin, William Kernan | Louisiana |
| Kennedy, Robert Louis | Georgia |
| Knolle, Guy Edmund | Texas |
| Ledbetter, Karl Seawell | Louisiana |
| Le Doux, Morris Sterling | Louisiana |
| Loria, Frank Leo | Louisiana |
| Lorio, Cecil Oliver (B. Sc.) | Louisiana |
| Lothrop, Guy Irving | Louisiana |
| Lount, William Harold | California |
| McCuiston, Harry McFatter | Texas |
| Martinez, (Valenzuela) Rafael (B. Sc.) | Span. Honduras |
| Maurer, Edward Harold | Louisiana |
| Maxwell, Blan Raymond | Arkansas |
| Misenheimer, Thomas Melchor (B. Sc.) | North Carolina |

| | |
|--|-------------|
| Montelepre, Philip | Louisiana |
| Morris, Kenneth Alexander (B. Litt.) | Florida |
| Movitz, James Hyman | Alabama |
| Muñiz-Rodriguez, Antonio | Porto Rico |
| Nelken, Bernard Earl | Louisiana |
| Olinde, Dewey Joseph | Louisiana |
| Palermo, Joseph Paul | Louisiana |
| Palmer, Julian Gary | Alabama |
| Payne, Virgil Leroy (B. Sc.) | Mississippi |
| Pearce, Henry Wynne | Texas |
| Perrier, Claude Victor (A. B.) | Louisiana |
| Raymond, (Miss) Mary (A. B.) | Louisiana |
| Reese, Killis Checo | California |
| Richardson, Joseph Raoul | Mississippi |
| Roberts, Ralph Smith (A. B.) | California |
| Rosenthal, Irwin William | Louisiana |
| Rudolph, Council Courtland (B. Sc.) | Florida |
| Salazar (y Baldioceda) Mariano | Costa Rica |
| Scott, (Miss) Irma Emma | Louisiana |
| Shuffield, Joseph Franklin | Arkansas |
| Simes, Thomas | Alabama |
| Simpson, Jefferson Davis | Texas |
| Smith, Clarence Thomas | Texas |
| Souchon, Edmond II | Louisiana |
| Stickley, William Downing (A. B.) | Virginia |
| Tankersley, Felix Marcus Tully (A. B.) | Alabama |
| Urrutia, (y Fernandez) Aureliano, Jr. | Texas |
| Williams, James Forrest | Arkansas |
| Wooten, Greenwood Sylvester | Texas |
| Yates, Howell Lee | Florida |

STUDENTS TAKING SPECIAL COURSES

| | |
|------------------------------------|-----------|
| Ashman, Richard (Litt. B., M. Sc.) | Louisiana |
| Bryan, Charles Gourt, M. D. | Louisiana |
| Jay, (Mrs.) Lucy Barstow Carroll | Louisiana |
| Levy, (Miss) Ida Emily | Louisiana |
| Scott, Richard Croker | Louisiana |
| Seago, (Miss) Mary Mallard (A. B.) | Louisiana |
| Stockton, (Miss) Elodie | Louisiana |

STUDENTS OF SECOND PRE-MEDICAL YEAR, CLASS OF 1924

| | |
|--------------------------------|-------------|
| Beall, Carlos Veach | Louisiana |
| Beall, John Minton | Louisiana |
| Broyles, (Miss) Hazel May | Mississippi |
| Brumfield, Robert Hugh | Mississippi |
| Cohen, Hymen Leon | Mississippi |
| Dannenbauer, (Miss) Marie | Texas |
| DeRouen, Walter Clarence, Jr. | Louisiana |
| Donaldson, Pierre Armand | Louisiana |
| Ferro y Castro, Andrés Roman | Cuba |
| Gaulon, Aristide Charles | Louisiana |
| Granberry, Howard Baldwin, Jr. | Texas |
| Guenther, John Charles | Texas |
| Hagood, Daniel La Salle | Alabama |
| Holland, DeWitt Talmage | Tennessee |
| Hyman, Earl | Louisiana |
| Jackson, James Word | Mississippi |
| Jordan, Webb Wood | Alabama |
| Kazar, Jay Justin | Illinois |
| Landry, Odey Francis | Louisiana |
| Lount, William Harold | California |
| McGee, Harry Hand, Jr. | Georgia |
| Newburn, Walter Loren | Texas |
| Ogletree, Henry Woods | Texas |
| Rabb, Robert Young | Georgia |
| Rike, Heber C. | Tennessee |
| Rosen, Warren Leucht | Louisiana |
| Sebastian, Newton Loomis | Louisiana |
| Smith, Edd | Texas |
| Smith, James Lennard | Alabama |
| Tumbleson, Talbot Austin | Virginia |
| Urrutia, (y Fernandez) Carlos | Texas |
| Werkheiser, Frank Earl | Mississippi |
| Wight, Bennett Allen | Oklahoma |

STUDENTS OF FIRST PRE-MEDICAL YEAR, CLASS OF 1925

| | |
|--------------------------|-----------|
| Banister, Charles Mabry | Louisiana |
| Bell, John Dupré | Florida |
| Bradsher, Omer Etheridge | Arkansas |
| Brown, Cecil Warren | Louisiana |
| Chenault, Henry Clay | Arkansas |

| | |
|------------------------------------|-------------|
| Colombo, Nicholas Baldassare | Louisiana |
| Crews, William Dysertt | Alabama |
| Curtis, Herman Perry Dohrmeier | Louisiana |
| Devron, Leonhard Ernest | Louisiana |
| Dougherty, Mark Stovall, Jr. | Mississippi |
| Dudley, William, Jr. | Alabama |
| Fant, Foster Clark | Mississippi |
| Fridge, Fred Marcus | Louisiana |
| Graves, Zebban Butler | Mississippi |
| Guerriero, Henry Edward | Louisiana |
| Gueymard, Thaddeus Honoré | Louisiana |
| Harris, (Miss) Annie Leska | Louisiana |
| Harris, George Bertrand | Texas |
| Hunter, Melville Wallace | Louisiana |
| Knost, Bernard Lee | Mississippi |
| Lapleau, (Mrs.) Charlotte Sullivan | Louisiana |
| Leopold, Henry Nathan | Texas |
| Lombard, Julian Hobson | Louisiana |
| McNair, Spencer Butterfield | Mississippi |
| Meaux, Preston Désiré | Louisiana |
| Miller, James Magnus | Texas |
| Mitchell, Virgil Lee | Texas |
| Moore, David Wardlaw | Louisiana |
| Oldham, Ira Brown | Oklahoma |
| Payne, William | Mississippi |
| Perkins, William Lloyd | Texas |
| Prather, Frank Ault | Louisiana |
| Reynolds, Walton Walker | Louisiana |
| Roshefsky, Max Manuel | Louisiana |
| Santos-Rivera, Julio Antonio | Porto Rico |
| Sayre, Thomas Morrow | Louisiana |
| Seitzinger, Alonzo Henry | Colorado |
| Sharp, Robert Fulton | Louisiana |
| Spratling, Colbert Allen | Alabama |
| Storck, Ambrose Howell | Louisiana |
| Urrutia y Fernandez, Hector | Texas |
| Warren, Daniel Davis | Mississippi |
| Webb, Clarence Hungerford | Louisiana |
| Weil, Louis Maurice | Texas |
| Williams, John Quin | Louisiana |

COLLEGE OF MEDICINE

SCHOOL OF MEDICINE

GRADUATES OF 1920

At the Eighty-fifth Annual Commencement, held Wednesday, June 9, 1920, degrees were conferred on 81 graduates.

SCHOOL OF MEDICINE

Doctors of Medicine

| | |
|--|----------------------------|
| Adam, Alfred Louis | New Orleans, Louisiana |
| Adams, Fred (B. Sc.) | Camden, Texas |
| Allen, William Oscar | New Orleans, Louisiana |
| Armstrong, Eugene Lawson | New Orleans, Louisiana |
| *Battalora, George Clarence | New Orleans, Louisiana |
| Bennett, Terry Lee | Jonesville, Louisiana |
| Birchett, John Alexander Klein, Jr. | Vicksburg, Mississippi |
| Blackmar, Francis Burton | Columbus, Georgia |
| Blincoe, Homer Raymond (A. B., M. Sc.) | Columbus, Kansas |
| Boulet, Irwin James | New Orleans, Louisiana |
| Bowlin, Robert Leslie | Middleton, Mississippi |
| Brown, Charles Lafayette | Delia, Texas |
| Bruner, Joseph Clyde (A. B.) | Rayne, Louisiana |
| Brunot, Felix Reville | Pittsburg, Pennsylvania |
| Burkhead, Jessie DeWitt | Opelika, Alabama |
| Carter, John Hardin | Pensacola, Florida |
| Christoffer, Oscar Theodore | Mart, Texas |
| Colomb, Brooks Amedée | Romeville, Louisiana |
| Davidson, Julius Meyer | Greenwood, Mississippi |
| Delahoussaye, Roy Edward (B. Sc.) | Franklin, Louisiana |
| Fears, Thaddeus Alvin | Pineland, Texas |
| Field, Richard Jennings | Centerville, Mississippi |
| Field, Sam Eugene | Centerville, Mississippi |
| Folse, Henry Arthur (A. B.) | Klotzville, Louisiana |
| French, Harry Joseph | St. Martinville, Louisiana |
| Frère, John Marsh | Franklin, Louisiana |
| Gallo, Frank | New Orleans, Louisiana |
| Gardiner, Walter Peters (B. Sc.) | New Orleans, Louisiana |
| Garrett, Ephraim Spencer, Jr. | Mount Willing, Alabama |

*Not 21; Degree to be awarded October 20, 1920.

| | |
|------------------------------------|----------------------------|
| Gilder, Wayne (A. B.) | Linden, Alabama |
| Gladney, John Davidson | Homer, Louisiana |
| Gooch, Lewis Melvin | Paris, Texas |
| Granata, Sam Vincent | Berwick, Louisiana |
| Granberry, Carl Ellis (B. Sc.) | Canton, Mississippi |
| Gravlee, Ike Marion | Amory, Mississippi |
| Hawthorne, Julian | New Orleans, Louisiana |
| Heath, Guy Wilkerson | Troy, Alabama |
| Hobson, Sam, Jr. | Brandon, Mississippi |
| *Hoffman, James Mortimer (A. B.) | New Orleans, Louisiana |
| Huggins, Isaac Clifton | Waynesboro, Mississippi |
| Humber, John Davis (B. Sc.) | Greenville, North Carolina |
| Jaeggli, Sam | Moulton, Texas |
| Jaubert, Francis Leon | New Orleans, Louisiana |
| Johnson, Clifford Uriah | Monroe, Louisiana |
| Jones, Curtis Whittemore | Little Rock, Arkansas |
| Jones, Philip Harold, Jr. (A. B.) | Baton Rouge, Louisiana |
| Jung, Theodore August, Jr. (A. B.) | New Orleans, Louisiana |
| Kerlin, Douglas Ledbetter | Homer, Louisiana |
| Kittrell, John Moore | Laurel, Mississippi |
| LeJeune, Francis Ernest (B. Sc.) | Thibodaux, Louisiana |
| Linfield, Edwin Harper | Biloxi, Mississippi |
| Long, Louis Bernard (A. B.) | Apalachicola, Florida |
| Love, Thomas, Stafford | Dallas, Texas |
| McAdoo, Hosea Webster | Texarkana, Arkansas |
| Miller, Martin Owen | Grand Chenier, Louisiana |
| Moore, John Morgan | Bartlett, Texas |
| Morgan, Albert Reynauld (A. B.) | Crowley, Louisiana |
| Moseley, Sam Olliphant (A. B.) | Monroeville, Alabama |
| Moss, Olin Winn | Lake Charles, Louisiana |
| Ogden, Hilaire D., Jr. | New Orleans, Louisiana |
| Rateau, Jules Brunet (Gr. Pharm.) | Ponchatoula, Louisiana |
| Rigby, Owen Compton | Beach, Mississippi |
| Rozier, Lauchlin McKinnon (A. B.) | Opp, Alabama |
| Savoy, Frank | Eunice, Louisiana |
| Sparks, Thomas Plewman, Jr. | Jackson, Mississippi |
| Stafford, Hollis Ancil | Bogalusa, Louisiana |
| Stiles, James Hooper | Annona, Texas |
| Taylor, James Leslie, Jr. | Mobile, Alabama |
| Thorpe, Eugene Davis (A. B.) | De Fuuiak Springs, Florida |

*Not 21; Degree to be awarded March 20, 1921.

| | |
|------------------------------------|-------------------------|
| Tisdale, Alfred Dent (B. Sc.) | Ellisville, Mississippi |
| Turnage, Early Braxton | Newhebron, Mississippi |
| Unsworth, Herbert Randolph | New Orleans, Louisiana |
| Wagner, William Alfred | New Orleans, Louisiana |
| Whiteside, Maurice Scarbrough | Anniston, Alabama |
| Whitfield, Bryan Watkins (B. Sc.) | Demopolis, Alabama |
| Wichser, Clarence John (B. Sc.) | New Orleans, Louisiana |
| Wilson, Frank Cunningham, (B. Sc.) | Birmingham, Alabama |
| Woodruff, Gerald Ginness (A. S.) | Anniston, Alabama |
| Woodward, Sam Bee (B. Sc.) | Oxford, Mississippi |
| Wright, Roy William | Winnfield, Louisiana |
| Zander, Edwin Lionel Joseph | New Orleans, Louisiana |

Students who have satisfactorily completed the Fourth Year, and who have been recommended to the University of Arkansas for the Degree of Doctor of Medicine :

| | |
|--------------------------------|---------------------|
| Dieffenbach, Nevin J. (B. Sc.) | Tulsa, Oklahoma |
| Walton, Charles Roscoe | Benton, Arkansas |
| York, Marion Nicholas | Nashville, Arkansas |

Tulane University of Louisiana

COLLEGE OF MEDICINE

(Established in 1834.)

GRADUATE SCHOOL OF MEDICINE

(NEW ORLEANS POLYCLINIC)

Thirty-Fourth Annual Session Opens September 20, 1920, and
Closes June 11, 1921.

Physicians will find the Polyclinic an excellent means for posting themselves upon modern progress in all branches of medicine and surgery, including laboratory, cadaveric work, and the specialties.

For further information, address:

TULANE COLLEGE OF MEDICINE,

P. O. Box 770, New Orleans, La.



3 0112 106099077